

# SAFETY DATA SHEET



EasiVial PM kit 4 ml, Part Number PL2020-0200

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Product name** : EasiVial PM kit 4 ml, Part Number PL2020-0200

**EC number** : Not available.

**CAS number** : PMMA nominal Mp 500 9011-14-7  
 PMMA nominal Mp 1000 9011-14-7  
 PMMA nominal Mp 2000 9011-14-7  
 PMMA nominal Mp 7000 9011-14-7  
 PMMA nominal Mp 13000 9011-14-7  
 PMMA nominal Mp 30000 9011-14-7  
 PMMA nominal Mp 70000 9011-14-7  
 PMMA nominal Mp 130000 9011-14-7  
 PMMA nominal Mp 300000 9011-14-7  
 PMMA nominal Mp 500000 9011-14-7  
 PMMA nominal Mp 1000000 9011-14-7  
 PMMA nominal Mp 1500000 9011-14-7

**Part no. (chemical kit)** : PL2020-0200

**Part no.** : PMMA nominal Mp 500 Not available.  
 PMMA nominal Mp 1000 Not available.  
 PMMA nominal Mp 2000 Not available.  
 PMMA nominal Mp 7000 Not available.  
 PMMA nominal Mp 13000 Not available.  
 PMMA nominal Mp 30000 Not available.  
 PMMA nominal Mp 70000 Not available.  
 PMMA nominal Mp 130000 Not available.  
 PMMA nominal Mp 300000 Not available.  
 PMMA nominal Mp 500000 Not available.  
 PMMA nominal Mp 1000000 Not available.  
 PMMA nominal Mp 1500000 Not available.

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Identified uses** : Reagents and Standards for Analytical Chemistry Laboratory Use  
 PMMA nominal Mp 500 30 x 3.2 mg  
 PMMA nominal Mp 1000 30 x 3.2 mg  
 PMMA nominal Mp 2000 30 x 3.2 mg  
 PMMA nominal Mp 7000 30 x 2.4 mg  
 PMMA nominal Mp 13000 30 x 2.4 mg  
 PMMA nominal Mp 30000 30 x 2.4 mg  
 PMMA nominal Mp 70000 30 x 1.6 mg  
 PMMA nominal Mp 130000 30 x 1.6 mg  
 PMMA nominal Mp 300000 30 x 1.6 mg  
 PMMA nominal Mp 500000 30 x 0.8 mg  
 PMMA nominal Mp 1000000 30 x 0.8 mg  
 PMMA nominal Mp 1500000 30 x 0.8 mg

**Uses advised against** : None known.

### 1.3 Details of the supplier of the safety data sheet

EasiVial PM kit 4 ml, Part Number PL2020-0200

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

Agilent Technologies Deutschland GmbH  
 Hewlett-Packard-Str. 8  
 76337 Waldbronn  
 Germany  
 0800 603 1000

**e-mail address of person responsible for this SDS** : pdl-msds\_author@agilent.com

### 1.4 Emergency telephone number

**Emergency telephone number (with hours of operation)** : CHEMTREC®: +(44)-870-8200418

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

|                           |   |                         |                            |
|---------------------------|---|-------------------------|----------------------------|
| <b>Product definition</b> | : | PMMA nominal Mp 500     | Mono-constituent substance |
|                           |   | PMMA nominal Mp 1000    | Mono-constituent substance |
|                           |   | PMMA nominal Mp 2000    | Mono-constituent substance |
|                           |   | PMMA nominal Mp 7000    | Mono-constituent substance |
|                           |   | PMMA nominal Mp 13000   | Mono-constituent substance |
|                           |   | PMMA nominal Mp 30000   | Mono-constituent substance |
|                           |   | PMMA nominal Mp 70000   | Mono-constituent substance |
|                           |   | PMMA nominal Mp 130000  | Mono-constituent substance |
|                           |   | PMMA nominal Mp 300000  | Mono-constituent substance |
|                           |   | PMMA nominal Mp 500000  | Mono-constituent substance |
|                           |   | PMMA nominal Mp 1000000 | Mono-constituent substance |
|                           |   | PMMA nominal Mp 1500000 | Mono-constituent substance |

### Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Not classified.

|                         |   |
|-------------------------|---|
| PMMA nominal Mp 500     | The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended. |
| PMMA nominal Mp 1000    | The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended. |
| PMMA nominal Mp 2000    | The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended. |
| PMMA nominal Mp 7000    | The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended. |
| PMMA nominal Mp 13000   | The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended. |
| PMMA nominal Mp 30000   | The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended. |
| PMMA nominal Mp 70000   | The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended. |
| PMMA nominal Mp 130000  | The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended. |
| PMMA nominal Mp 300000  | The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended. |
| PMMA nominal Mp 500000  | The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended. |
| PMMA nominal Mp 1000000 | The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended. |

**SECTION 2: Hazards identification**

PMMA nominal Mp 1500000 1272/2008 as amended.  
 The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

**2.2 Label elements**

**Signal word**

- : PMMA nominal Mp 500 No signal word.
- PMMA nominal Mp 1000 No signal word.
- PMMA nominal Mp 2000 No signal word.
- PMMA nominal Mp 7000 No signal word.
- PMMA nominal Mp 13000 No signal word.
- PMMA nominal Mp 30000 No signal word.
- PMMA nominal Mp 70000 No signal word.
- PMMA nominal Mp 130000 No signal word.
- PMMA nominal Mp 300000 No signal word.
- PMMA nominal Mp 500000 No signal word.
- PMMA nominal Mp 1000000 No signal word.
- PMMA nominal Mp 1500000 No signal word.

**Hazard statements**

- : PMMA nominal Mp 500 No known significant effects or critical hazards.
- PMMA nominal Mp 1000 No known significant effects or critical hazards.
- PMMA nominal Mp 2000 No known significant effects or critical hazards.
- PMMA nominal Mp 7000 No known significant effects or critical hazards.
- PMMA nominal Mp 13000 No known significant effects or critical hazards.
- PMMA nominal Mp 30000 No known significant effects or critical hazards.
- PMMA nominal Mp 70000 No known significant effects or critical hazards.
- PMMA nominal Mp 130000 No known significant effects or critical hazards.
- PMMA nominal Mp 300000 No known significant effects or critical hazards.
- PMMA nominal Mp 500000 No known significant effects or critical hazards.
- PMMA nominal Mp 1000000 No known significant effects or critical hazards.
- PMMA nominal Mp 1500000 No known significant effects or critical hazards.

**Precautionary statements**

**Prevention**

- : PMMA nominal Mp 500 Not applicable.
- PMMA nominal Mp 1000 Not applicable.
- PMMA nominal Mp 2000 Not applicable.
- PMMA nominal Mp 7000 Not applicable.
- PMMA nominal Mp 13000 Not applicable.
- PMMA nominal Mp 30000 Not applicable.
- PMMA nominal Mp 70000 Not applicable.
- PMMA nominal Mp 130000 Not applicable.
- PMMA nominal Mp 1500000 Not applicable.

**SECTION 2: Hazards identification**

|                 |   |                 |
|-----------------|---|-----------------|
|                 | 300000  |                 |
|                 | PMMA nominal Mp   | Not applicable. |
|                 | 500000  |                 |
|                 | PMMA nominal Mp   | Not applicable. |
|                 | 1000000   |                 |
|                 | PMMA nominal Mp   | Not applicable. |
|                 | 1500000   |                 |
| <b>Response</b> | : <input checked="" type="checkbox"/> PMMA nominal Mp 500 | Not applicable. |
|                 | PMMA nominal Mp 1000                                      | Not applicable. |
|                 | PMMA nominal Mp 2000                                      | Not applicable. |
|                 | PMMA nominal Mp 7000                                      | Not applicable. |
|                 | PMMA nominal Mp   | Not applicable. |
|                 | 13000   |                 |
|                 | PMMA nominal Mp   | Not applicable. |
|                 | 30000   |                 |
|                 | PMMA nominal Mp   | Not applicable. |
|                 | 70000   |                 |
|                 | PMMA nominal Mp   | Not applicable. |
|                 | 130000  |                 |
|                 | PMMA nominal Mp   | Not applicable. |
|                 | 300000  |                 |
|                 | PMMA nominal Mp   | Not applicable. |
|                 | 500000  |                 |
|                 | PMMA nominal Mp   | Not applicable. |
|                 | 1000000   |                 |
|                 | PMMA nominal Mp   | Not applicable. |
|                 | 1500000   |                 |
| <b>Storage</b>  | : <input checked="" type="checkbox"/> PMMA nominal Mp 500 | Not applicable. |
|                 | PMMA nominal Mp 1000                                      | Not applicable. |
|                 | PMMA nominal Mp 2000                                      | Not applicable. |
|                 | PMMA nominal Mp 7000                                      | Not applicable. |
|                 | PMMA nominal Mp   | Not applicable. |
|                 | 13000   |                 |
|                 | PMMA nominal Mp   | Not applicable. |
|                 | 30000   |                 |
|                 | PMMA nominal Mp   | Not applicable. |
|                 | 70000   |                 |
|                 | PMMA nominal Mp   | Not applicable. |
|                 | 130000  |                 |
|                 | PMMA nominal Mp   | Not applicable. |
|                 | 300000  |                 |
|                 | PMMA nominal Mp   | Not applicable. |
|                 | 500000  |                 |
|                 | PMMA nominal Mp   | Not applicable. |
|                 | 1000000   |                 |
|                 | PMMA nominal Mp   | Not applicable. |
|                 | 1500000   |                 |
| <b>Disposal</b> | : <input checked="" type="checkbox"/> PMMA nominal Mp 500 | Not applicable. |
|                 | PMMA nominal Mp 1000                                      | Not applicable. |
|                 | PMMA nominal Mp 2000                                      | Not applicable. |
|                 | PMMA nominal Mp 7000                                      | Not applicable. |
|                 | PMMA nominal Mp   | Not applicable. |
|                 | 13000   |                 |
|                 | PMMA nominal Mp   | Not applicable. |
|                 | 30000   |                 |
|                 | PMMA nominal Mp   | Not applicable. |
|                 | 70000   |                 |
|                 | PMMA nominal Mp   | Not applicable. |
|                 | 130000  |                 |
|                 | PMMA nominal Mp   | Not applicable. |
|                 | 300000  |                 |
|                 | PMMA nominal Mp   | Not applicable. |
|                 | 500000  |                 |

**SECTION 2: Hazards identification**

|   |   |                 |
|---|---|-----------------|
|   | PMMA nominal Mp 1000000                                   | Not applicable. |
|   | PMMA nominal Mp 1500000                                   | Not applicable. |
| <b>Supplemental label elements</b>  | : <input checked="" type="checkbox"/> PMMA nominal Mp 500 | Not applicable. |
|   | PMMA nominal Mp 1000                                      | Not applicable. |
|   | PMMA nominal Mp 2000                                      | Not applicable. |
|   | PMMA nominal Mp 7000                                      | Not applicable. |
|   | PMMA nominal Mp 13000                                     | Not applicable. |
|   | PMMA nominal Mp 30000                                     | Not applicable. |
|   | PMMA nominal Mp 70000                                     | Not applicable. |
|   | PMMA nominal Mp 130000                                    | Not applicable. |
|   | PMMA nominal Mp 300000                                    | Not applicable. |
|   | PMMA nominal Mp 500000                                    | Not applicable. |
|   | PMMA nominal Mp 1000000                                   | Not applicable. |
|   | PMMA nominal Mp 1500000                                   | Not applicable. |
| <b>Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles</b> | : <input checked="" type="checkbox"/> PMMA nominal Mp 500 | Not applicable. |
|   | PMMA nominal Mp 1000                                      | Not applicable. |
|   | PMMA nominal Mp 2000                                      | Not applicable. |
|   | PMMA nominal Mp 7000                                      | Not applicable. |
|   | PMMA nominal Mp 13000                                     | Not applicable. |
|   | PMMA nominal Mp 30000                                     | Not applicable. |
|   | PMMA nominal Mp 70000                                     | Not applicable. |
|   | PMMA nominal Mp 130000                                    | Not applicable. |
|   | PMMA nominal Mp 300000                                    | Not applicable. |
|   | PMMA nominal Mp 500000                                    | Not applicable. |
|   | PMMA nominal Mp 1000000                                   | Not applicable. |
|   | PMMA nominal Mp 1500000                                   | Not applicable. |
| <b>Special packaging requirements</b>   |   |                 |
| <b>Tactile warning of danger</b>  | : <input checked="" type="checkbox"/> PMMA nominal Mp 500 | Not applicable. |
|   | PMMA nominal Mp 1000                                      | Not applicable. |
|   | PMMA nominal Mp 2000                                      | Not applicable. |
|   | PMMA nominal Mp 7000                                      | Not applicable. |
|   | PMMA nominal Mp 13000                                     | Not applicable. |
|   | PMMA nominal Mp 30000                                     | Not applicable. |
|   | PMMA nominal Mp 70000                                     | Not applicable. |
|   | PMMA nominal Mp 130000                                    | Not applicable. |
|   | PMMA nominal Mp 300000                                    | Not applicable. |
|   | PMMA nominal Mp 500000                                    | Not applicable. |
|   | PMMA nominal Mp 1000000                                   | Not applicable. |
|   | PMMA nominal Mp 1500000                                   | Not applicable. |

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**SECTION 2: Hazards identification**

1000000  
 PMMA nominal Mp Not applicable.  
 1500000

**2.3 Other hazards**

Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

|                                | PBT | P   | B  | T  | vPvB | vP | vB |
|--------------------------------|-----|-----|----|----|------|----|----|
| <b>PMMA nominal Mp 500</b>     | No  | Yes | No | No | No   | No | No |
| <b>PMMA nominal Mp 1000</b>    | No  | Yes | No | No | No   | No | No |
| <b>PMMA nominal Mp 2000</b>    | No  | Yes | No | No | No   | No | No |
| <b>PMMA nominal Mp 7000</b>    | No  | Yes | No | No | No   | No | No |
| <b>PMMA nominal Mp 13000</b>   | No  | Yes | No | No | No   | No | No |
| <b>PMMA nominal Mp 30000</b>   | No  | Yes | No | No | No   | No | No |
| <b>PMMA nominal Mp 70000</b>   | No  | Yes | No | No | No   | No | No |
| <b>PMMA nominal Mp 130000</b>  | No  | Yes | No | No | No   | No | No |
| <b>PMMA nominal Mp 300000</b>  | No  | Yes | No | No | No   | No | No |
| <b>PMMA nominal Mp 500000</b>  | No  | Yes | No | No | No   | No | No |
| <b>PMMA nominal Mp 1000000</b> | No  | Yes | No | No | No   | No | No |

**SECTION 2: Hazards identification**

|                                |     |    |    |    |    |    |    |    |
|--------------------------------|-----|----|----|----|----|----|----|----|
| <b>PMMA nominal Mp 1500000</b> |     |    |    |    |    |    |    |    |
| No                             | Yes | No | No | No | No | No | No | No |

**Other hazards which do not result in classification**

- PMMA nominal Mp 500 May form combustible dust concentrations in air.
- PMMA nominal Mp 1000 May form combustible dust concentrations in air.
- PMMA nominal Mp 2000 May form combustible dust concentrations in air.
- PMMA nominal Mp 7000 May form combustible dust concentrations in air.
- PMMA nominal Mp 13000 May form combustible dust concentrations in air.
- PMMA nominal Mp 30000 May form combustible dust concentrations in air.
- PMMA nominal Mp 70000 May form combustible dust concentrations in air.
- PMMA nominal Mp 130000 May form combustible dust concentrations in air.
- PMMA nominal Mp 300000 May form combustible dust concentrations in air.
- PMMA nominal Mp 500000 May form combustible dust concentrations in air.
- PMMA nominal Mp 1000000 May form combustible dust concentrations in air.
- PMMA nominal Mp 1500000 May form combustible dust concentrations in air.

**SECTION 3: Composition/information on ingredients**

**3.1 Substances**

- PMMA nominal Mp 500 Mono-constituent substance
- PMMA nominal Mp 1000 Mono-constituent substance
- PMMA nominal Mp 2000 Mono-constituent substance
- PMMA nominal Mp 7000 Mono-constituent substance
- PMMA nominal Mp 13000 Mono-constituent substance
- PMMA nominal Mp 30000 Mono-constituent substance
- PMMA nominal Mp 70000 Mono-constituent substance
- PMMA nominal Mp 130000 Mono-constituent substance
- PMMA nominal Mp 300000 Mono-constituent substance
- PMMA nominal Mp 500000 Mono-constituent substance
- PMMA nominal Mp 1000000 Mono-constituent substance
- PMMA nominal Mp 1500000 Mono-constituent substance

| Product/ingredient name   | Identifiers    | %   | Classification  | Specific Conc. Limits, M-factors and ATEs | Type |
|---|----------------|-----|-----------------|---|------|
| <input checked="" type="checkbox"/> <b>PMMA nominal Mp 500</b><br>2-Propenoic acid, 2-methyl, methyl ester, homopolymer | CAS: 9011-14-7 | 100 | Not classified. | -   | [1]  |
| <b>PMMA nominal Mp 1000</b><br>2-Propenoic acid, 2-methyl, methyl ester, homopolymer                                    | CAS: 9011-14-7 | 100 | Not classified. | -   | [1]  |
| <b>PMMA nominal Mp 2000</b><br>2-Propenoic acid, 2-methyl, methyl ester, homopolymer                                    | CAS: 9011-14-7 | 100 | Not classified. | -   | [1]  |
| <b>PMMA nominal Mp 7000</b><br>2-Propenoic acid, 2-methyl, methyl ester, homopolymer                                    | CAS: 9011-14-7 | 100 | Not classified. | -   | [1]  |

**SECTION 3: Composition/information on ingredients**

|  |                |     |   |   |     |
|--|----------------|-----|---|---|-----|
| methyl ester, homopolymer                              |                |     |   |   |     |
| <b>PMMA nominal Mp 13000</b>                           |                |     |   |   |     |
| 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer | CAS: 9011-14-7 | 100 | Not classified.   | - | [1] |
| <b>PMMA nominal Mp 30000</b>                           |                |     |   |   |     |
| 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer | CAS: 9011-14-7 | 100 | Not classified.   | - | [1] |
| <b>PMMA nominal Mp 70000</b>                           |                |     |   |   |     |
| 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer | CAS: 9011-14-7 | 100 | Not classified.   | - | [1] |
| <b>PMMA nominal Mp 130000</b>                          |                |     |   |   |     |
| 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer | CAS: 9011-14-7 | 100 | Not classified.   | - | [1] |
| <b>PMMA nominal Mp 300000</b>                          |                |     |   |   |     |
| 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer | CAS: 9011-14-7 | 100 | Not classified.   | - | [1] |
| <b>PMMA nominal Mp 500000</b>                          |                |     |   |   |     |
| 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer | CAS: 9011-14-7 | 100 | Not classified.   | - | [1] |
| <b>PMMA nominal Mp 1000000</b>                         |                |     |   |   |     |
| 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer | CAS: 9011-14-7 | 100 | Not classified.   | - | [1] |
| <b>PMMA nominal Mp 1500000</b>                         |                |     |   |   |     |
| 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer | CAS: 9011-14-7 | 100 | Not classified.   | - | [1] |
|  |                |     | <b>See Section 16 for the full text of the H statements declared above.</b> |   |     |

There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section.

Type



### SECTION 3: Composition/information on ingredients

|                         |                 |
|-------------------------|-----------------|
| PMMA nominal Mp 500     | [1] Constituent |
| PMMA nominal Mp 1000    | [1] Constituent |
| PMMA nominal Mp 2000    | [1] Constituent |
| PMMA nominal Mp 7000    | [1] Constituent |
| PMMA nominal Mp 13000   | [1] Constituent |
| PMMA nominal Mp 30000   | [1] Constituent |
| PMMA nominal Mp 70000   | [1] Constituent |
| PMMA nominal Mp 130000  | [1] Constituent |
| PMMA nominal Mp 300000  | [1] Constituent |
| PMMA nominal Mp 500000  | [1] Constituent |
| PMMA nominal Mp 1000000 | [1] Constituent |
| PMMA nominal Mp 1500000 | [1] Constituent |

Occupational exposure limits, if available, are listed in Section 8.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### Eye contact

|                         |   |
|-------------------------|---|
| : PMMA nominal Mp 500   | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs. |
| PMMA nominal Mp 1000    | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs. |
| PMMA nominal Mp 2000    | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs. |
| PMMA nominal Mp 7000    | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs. |
| PMMA nominal Mp 13000   | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs. |
| PMMA nominal Mp 30000   | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs. |
| PMMA nominal Mp 70000   | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs. |
| PMMA nominal Mp 130000  | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs. |
| PMMA nominal Mp 300000  | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs. |
| PMMA nominal Mp 500000  | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs. |
| PMMA nominal Mp 1000000 | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs. |
| PMMA nominal Mp 1500000 | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs. |

##### Inhalation

|                       |   |
|-----------------------|---|
| : PMMA nominal Mp 500 | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. |
| PMMA nominal Mp 1000  | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. |
| PMMA nominal Mp 2000  | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. |
| PMMA nominal Mp 7000  | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if                 |

**SECTION 4: First aid measures**

|                         |   |
|-------------------------|---|
| PMMA nominal Mp 13000   | symptoms occur. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. |
| PMMA nominal Mp 30000   | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.                 |
| PMMA nominal Mp 70000   | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.                 |
| PMMA nominal Mp 130000  | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.                 |
| PMMA nominal Mp 300000  | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.                 |
| PMMA nominal Mp 500000  | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.                 |
| PMMA nominal Mp 1000000 | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.                 |
| PMMA nominal Mp 1500000 | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.                 |

**Skin contact**

|                         |  |
|-------------------------|--|
| : PMMA nominal Mp 500   | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| PMMA nominal Mp 1000    | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| PMMA nominal Mp 2000    | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| PMMA nominal Mp 7000    | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| PMMA nominal Mp 13000   | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| PMMA nominal Mp 30000   | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| PMMA nominal Mp 70000   | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| PMMA nominal Mp 130000  | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| PMMA nominal Mp 300000  | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| PMMA nominal Mp 500000  | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| PMMA nominal Mp 1000000 | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| PMMA nominal Mp 1500000 | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |

**SECTION 4: First aid measures**

**Ingestion**

|                         |  |
|-------------------------|--|
| : PMMA nominal Mp 500   | Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| PMMA nominal Mp 1000    | Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| PMMA nominal Mp 2000    | Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| PMMA nominal Mp 7000    | Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| PMMA nominal Mp 13000   | Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| PMMA nominal Mp 30000   | Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| PMMA nominal Mp 70000   | Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| PMMA nominal Mp 130000  | Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| PMMA nominal Mp 300000  | Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| PMMA nominal Mp 500000  | Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| PMMA nominal Mp 1000000 | Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| PMMA nominal Mp 1500000 | Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |

**SECTION 4: First aid measures**

|                                   |                         |  |
|-----------------------------------|-------------------------|--|
| <b>Protection of first-aiders</b> | : PMMA nominal Mp 500   | No action shall be taken involving any personal risk or without suitable training. |
|                                   | PMMA nominal Mp 1000    | No action shall be taken involving any personal risk or without suitable training. |
|                                   | PMMA nominal Mp 2000    | No action shall be taken involving any personal risk or without suitable training. |
|                                   | PMMA nominal Mp 7000    | No action shall be taken involving any personal risk or without suitable training. |
|                                   | PMMA nominal Mp 13000   | No action shall be taken involving any personal risk or without suitable training. |
|                                   | PMMA nominal Mp 30000   | No action shall be taken involving any personal risk or without suitable training. |
|                                   | PMMA nominal Mp 70000   | No action shall be taken involving any personal risk or without suitable training. |
|                                   | PMMA nominal Mp 130000  | No action shall be taken involving any personal risk or without suitable training. |
|                                   | PMMA nominal Mp 300000  | No action shall be taken involving any personal risk or without suitable training. |
|                                   | PMMA nominal Mp 500000  | No action shall be taken involving any personal risk or without suitable training. |
|                                   | PMMA nominal Mp 1000000 | No action shall be taken involving any personal risk or without suitable training. |
|                                   | PMMA nominal Mp 1500000 | No action shall be taken involving any personal risk or without suitable training. |

**4.2 Most important symptoms and effects, both acute and delayed**

Potential acute health effects

|                    |                         |  |
|--------------------|-------------------------|--|
| <b>Eye contact</b> | : PMMA nominal Mp 500   | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. |
|                    | PMMA nominal Mp 1000    | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. |
|                    | PMMA nominal Mp 2000    | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. |
|                    | PMMA nominal Mp 7000    | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. |
|                    | PMMA nominal Mp 13000   | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. |
|                    | PMMA nominal Mp 30000   | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. |
|                    | PMMA nominal Mp 70000   | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. |
|                    | PMMA nominal Mp 130000  | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. |
|                    | PMMA nominal Mp 300000  | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. |
|                    | PMMA nominal Mp 500000  | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. |
|                    | PMMA nominal Mp 1000000 | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. |
|                    | PMMA nominal Mp 1500000 | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. |

**SECTION 4: First aid measures**

|                     |                         |  |
|---------------------|-------------------------|--|
| <b>Inhalation</b>   | :  PMMA nominal Mp 500  | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. |
|                     | PMMA nominal Mp 1000    | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. |
|                     | PMMA nominal Mp 2000    | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. |
|                     | PMMA nominal Mp 7000    | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. |
|                     | PMMA nominal Mp 13000   | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. |
|                     | PMMA nominal Mp 30000   | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. |
|                     | PMMA nominal Mp 70000   | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. |
|                     | PMMA nominal Mp 130000  | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. |
|                     | PMMA nominal Mp 300000  | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. |
|                     | PMMA nominal Mp 500000  | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. |
|                     | PMMA nominal Mp 1000000 | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. |
|                     | PMMA nominal Mp 1500000 | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. |
| <b>Skin contact</b> | :  PMMA nominal Mp 500  | No known significant effects or critical hazards.  |
|                     | PMMA nominal Mp 1000    | No known significant effects or critical hazards.  |
|                     | PMMA nominal Mp 2000    | No known significant effects or critical hazards.  |
|                     | PMMA nominal Mp 7000    | No known significant effects or critical hazards.  |
|                     | PMMA nominal Mp 13000   | No known significant effects or critical hazards.  |
|                     | PMMA nominal Mp 30000   | No known significant effects or critical hazards.  |
|                     | PMMA nominal Mp 70000   | No known significant effects or critical hazards.  |
|                     | PMMA nominal Mp 130000  | No known significant effects or critical hazards.  |
|                     | PMMA nominal Mp 300000  | No known significant effects or critical hazards.  |
|                     | PMMA nominal Mp 500000  | No known significant effects or critical hazards.  |
|                     | PMMA nominal Mp 1000000 | No known significant effects or critical hazards.  |
|                     | PMMA nominal Mp 1500000 | No known significant effects or critical hazards.  |
| <b>Ingestion</b>    | :  PMMA nominal Mp 500  | No known significant effects or critical hazards.  |
|                     | PMMA nominal Mp 1000    | No known significant effects or critical hazards.  |
|                     | PMMA nominal Mp 2000    | No known significant effects or critical hazards.  |
|                     | PMMA nominal Mp 7000    | No known significant effects or critical hazards.  |
|                     | PMMA nominal Mp 13000   | No known significant effects or critical hazards.  |
|                     | PMMA nominal Mp 30000   | No known significant effects or critical hazards.  |

**SECTION 4: First aid measures**

|                         |   |
|-------------------------|---|
| PMMA nominal Mp 70000   | No known significant effects or critical hazards. |
| PMMA nominal Mp 130000  | No known significant effects or critical hazards. |
| PMMA nominal Mp 300000  | No known significant effects or critical hazards. |
| PMMA nominal Mp 500000  | No known significant effects or critical hazards. |
| PMMA nominal Mp 1000000 | No known significant effects or critical hazards. |
| PMMA nominal Mp 1500000 | No known significant effects or critical hazards. |

Over-exposure signs/symptoms

**Eye contact**

|                         |  |
|-------------------------|--|
| : PMMA nominal Mp 500   | Adverse symptoms may include the following:<br>irritation<br>redness     |
| PMMA nominal Mp 1000    | Adverse symptoms may include the following:<br>irritation<br>redness     |
| PMMA nominal Mp 2000    | Adverse symptoms may include the following:<br>irritation<br>redness     |
| PMMA nominal Mp 7000    | Adverse symptoms may include the following:<br>irritation<br>redness     |
| PMMA nominal Mp 13000   | Adverse symptoms may include the following:<br><br>irritation<br>redness |
| PMMA nominal Mp 30000   | Adverse symptoms may include the following:<br><br>irritation<br>redness |
| PMMA nominal Mp 70000   | Adverse symptoms may include the following:<br><br>irritation<br>redness |
| PMMA nominal Mp 130000  | Adverse symptoms may include the following:<br><br>irritation<br>redness |
| PMMA nominal Mp 300000  | Adverse symptoms may include the following:<br><br>irritation<br>redness |
| PMMA nominal Mp 500000  | Adverse symptoms may include the following:<br><br>irritation<br>redness |
| PMMA nominal Mp 1000000 | Adverse symptoms may include the following:<br><br>irritation<br>redness |
| PMMA nominal Mp 1500000 | Adverse symptoms may include the following:<br><br>irritation<br>redness |



**SECTION 4: First aid measures**

|                     |                            |   |
|---------------------|----------------------------|---|
| <b>Inhalation</b>   | : PMMA nominal Mp 500      | Adverse symptoms may include the following:<br>respiratory tract irritation<br>coughing     |
|                     | PMMA nominal Mp 1000       | Adverse symptoms may include the following:<br>respiratory tract irritation<br>coughing     |
|                     | PMMA nominal Mp 2000       | Adverse symptoms may include the following:<br>respiratory tract irritation<br>coughing     |
|                     | PMMA nominal Mp 7000       | Adverse symptoms may include the following:<br>respiratory tract irritation<br>coughing     |
|                     | PMMA nominal Mp<br>13000   | Adverse symptoms may include the following:<br><br>respiratory tract irritation<br>coughing |
|                     | PMMA nominal Mp<br>30000   | Adverse symptoms may include the following:<br><br>respiratory tract irritation<br>coughing |
|                     | PMMA nominal Mp<br>70000   | Adverse symptoms may include the following:<br><br>respiratory tract irritation<br>coughing |
|                     | PMMA nominal Mp<br>130000  | Adverse symptoms may include the following:<br><br>respiratory tract irritation<br>coughing |
|                     | PMMA nominal Mp<br>300000  | Adverse symptoms may include the following:<br><br>respiratory tract irritation<br>coughing |
|                     | PMMA nominal Mp<br>500000  | Adverse symptoms may include the following:<br><br>respiratory tract irritation<br>coughing |
|                     | PMMA nominal Mp<br>1000000 | Adverse symptoms may include the following:<br><br>respiratory tract irritation<br>coughing |
|                     | PMMA nominal Mp<br>1500000 | Adverse symptoms may include the following:<br><br>respiratory tract irritation<br>coughing |
| <b>Skin contact</b> | : PMMA nominal Mp 500      | No specific data.   |
|                     | PMMA nominal Mp 1000       | No specific data.   |
|                     | PMMA nominal Mp 2000       | No specific data.   |
|                     | PMMA nominal Mp 7000       | No specific data.   |
|                     | PMMA nominal Mp<br>13000   | No specific data.   |
|                     | PMMA nominal Mp<br>30000   | No specific data.   |
|                     | PMMA nominal Mp<br>70000   | No specific data.   |
|                     | PMMA nominal Mp<br>130000  | No specific data.   |
|                     | PMMA nominal Mp<br>300000  | No specific data.   |
|                     | PMMA nominal Mp<br>500000  | No specific data.   |
|                     | PMMA nominal Mp<br>1000000 | No specific data.   |
|                     | PMMA nominal Mp<br>1500000 | No specific data.   |

**SECTION 4: First aid measures**

|                  |                         |                   |
|------------------|-------------------------|-------------------|
| <b>Ingestion</b> | : PMMA nominal Mp 500   | No specific data. |
|                  | PMMA nominal Mp 1000    | No specific data. |
|                  | PMMA nominal Mp 2000    | No specific data. |
|                  | PMMA nominal Mp 7000    | No specific data. |
|                  | PMMA nominal Mp 13000   | No specific data. |
|                  | PMMA nominal Mp 30000   | No specific data. |
|                  | PMMA nominal Mp 70000   | No specific data. |
|                  | PMMA nominal Mp 130000  | No specific data. |
|                  | PMMA nominal Mp 300000  | No specific data. |
|                  | PMMA nominal Mp 500000  | No specific data. |
|                  | PMMA nominal Mp 1000000 | No specific data. |
|                  | PMMA nominal Mp 1500000 | No specific data. |

**4.3 Indication of any immediate medical attention and special treatment needed**

|                           |                         |   |
|---------------------------|-------------------------|---|
| <b>Notes to physician</b> | : PMMA nominal Mp 500   | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
|                           | PMMA nominal Mp 1000    | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
|                           | PMMA nominal Mp 2000    | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
|                           | PMMA nominal Mp 7000    | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
|                           | PMMA nominal Mp 13000   | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
|                           | PMMA nominal Mp 30000   | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
|                           | PMMA nominal Mp 70000   | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
|                           | PMMA nominal Mp 130000  | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
|                           | PMMA nominal Mp 300000  | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
|                           | PMMA nominal Mp 500000  | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
|                           | PMMA nominal Mp 1000000 | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
|                           | PMMA nominal Mp 1500000 | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |

|                            |                         |                        |
|----------------------------|-------------------------|------------------------|
| <b>Specific treatments</b> | : PMMA nominal Mp 500   | No specific treatment. |
|                            | PMMA nominal Mp 1000    | No specific treatment. |
|                            | PMMA nominal Mp 2000    | No specific treatment. |
|                            | PMMA nominal Mp 7000    | No specific treatment. |
|                            | PMMA nominal Mp 13000   | No specific treatment. |
|                            | PMMA nominal Mp 30000   | No specific treatment. |
|                            | PMMA nominal Mp 70000   | No specific treatment. |
|                            | PMMA nominal Mp 130000  | No specific treatment. |
|                            | PMMA nominal Mp 300000  | No specific treatment. |
|                            | PMMA nominal Mp 500000  | No specific treatment. |
|                            | PMMA nominal Mp 1000000 | No specific treatment. |
|                            | PMMA nominal Mp 1500000 | No specific treatment. |



**SECTION 4: First aid measures**

|                 |                        |
|-----------------|------------------------|
| 1000000         |                        |
| PMMA nominal Mp | No specific treatment. |
| 1500000         |                        |

**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

|                                     |   |                         |                          |
|-------------------------------------|---|-------------------------|--------------------------|
| <b>Suitable extinguishing media</b> | : | PMMA nominal Mp 500     | Use dry chemical powder. |
|                                     |   | PMMA nominal Mp 1000    | Use dry chemical powder. |
|                                     |   | PMMA nominal Mp 2000    | Use dry chemical powder. |
|                                     |   | PMMA nominal Mp 7000    | Use dry chemical powder. |
|                                     |   | PMMA nominal Mp 13000   | Use dry chemical powder. |
|                                     |   | PMMA nominal Mp 30000   | Use dry chemical powder. |
|                                     |   | PMMA nominal Mp 70000   | Use dry chemical powder. |
|                                     |   | PMMA nominal Mp 130000  | Use dry chemical powder. |
|                                     |   | PMMA nominal Mp 300000  | Use dry chemical powder. |
|                                     |   | PMMA nominal Mp 500000  | Use dry chemical powder. |
|                                     |   | PMMA nominal Mp 1000000 | Use dry chemical powder. |
|                                     |   | PMMA nominal Mp 1500000 | Use dry chemical powder. |

|                                       |   |                         |   |
|---------------------------------------|---|-------------------------|---|
| <b>Unsuitable extinguishing media</b> | : | PMMA nominal Mp 500     | Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture. |
|                                       |   | PMMA nominal Mp 1000    | Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture. |
|                                       |   | PMMA nominal Mp 2000    | Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture. |
|                                       |   | PMMA nominal Mp 7000    | Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture. |
|                                       |   | PMMA nominal Mp 13000   | Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture. |
|                                       |   | PMMA nominal Mp 30000   | Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture. |
|                                       |   | PMMA nominal Mp 70000   | Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture. |
|                                       |   | PMMA nominal Mp 130000  | Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture. |
|                                       |   | PMMA nominal Mp 300000  | Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture. |
|                                       |   | PMMA nominal Mp 500000  | Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture. |
|                                       |   | PMMA nominal Mp 1000000 | Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture. |
|                                       |   | PMMA nominal Mp 1500000 | Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture. |

**5.2 Special hazards arising from the substance or mixture**

|  |   |                       |  |
|--|---|-----------------------|--|
| <b>Hazards from the substance or mixture</b> | : | PMMA nominal Mp 500   | May form explosible dust-air mixture if dispersed. |
|  |   | PMMA nominal Mp 1000  | May form explosible dust-air mixture if dispersed. |
|  |   | PMMA nominal Mp 2000  | May form explosible dust-air mixture if dispersed. |
|  |   | PMMA nominal Mp 7000  | May form explosible dust-air mixture if dispersed. |
|  |   | PMMA nominal Mp 13000 | May form explosible dust-air mixture if dispersed. |
|  |   | PMMA nominal Mp 30000 | May form explosible dust-air mixture if dispersed. |
|  |   | PMMA nominal Mp 70000 | May form explosible dust-air mixture if dispersed. |

**SECTION 5: Firefighting measures**

|                                      |                         |  |
|--------------------------------------|-------------------------|--|
|                                      | PMMA nominal Mp 130000  | May form explosible dust-air mixture if dispersed.   |
|                                      | PMMA nominal Mp 300000  | May form explosible dust-air mixture if dispersed.   |
|                                      | PMMA nominal Mp 500000  | May form explosible dust-air mixture if dispersed.   |
|                                      | PMMA nominal Mp 1000000 | May form explosible dust-air mixture if dispersed.   |
|                                      | PMMA nominal Mp 1500000 | May form explosible dust-air mixture if dispersed.   |
| <b>Hazardous combustion products</b> | : PMMA nominal Mp 500   | Decomposition products may include the following materials:<br>carbon dioxide<br>carbon monoxide     |
|                                      | PMMA nominal Mp 1000    | Decomposition products may include the following materials:<br>carbon dioxide<br>carbon monoxide     |
|                                      | PMMA nominal Mp 2000    | Decomposition products may include the following materials:<br>carbon dioxide<br>carbon monoxide     |
|                                      | PMMA nominal Mp 7000    | Decomposition products may include the following materials:<br>carbon dioxide<br>carbon monoxide     |
|                                      | PMMA nominal Mp 13000   | Decomposition products may include the following materials:<br><br>carbon dioxide<br>carbon monoxide |
|                                      | PMMA nominal Mp 30000   | Decomposition products may include the following materials:<br><br>carbon dioxide<br>carbon monoxide |
|                                      | PMMA nominal Mp 70000   | Decomposition products may include the following materials:<br><br>carbon dioxide<br>carbon monoxide |
|                                      | PMMA nominal Mp 130000  | Decomposition products may include the following materials:<br><br>carbon dioxide<br>carbon monoxide |
|                                      | PMMA nominal Mp 300000  | Decomposition products may include the following materials:<br><br>carbon dioxide<br>carbon monoxide |
|                                      | PMMA nominal Mp 500000  | Decomposition products may include the following materials:<br><br>carbon dioxide<br>carbon monoxide |
|                                      | PMMA nominal Mp 1000000 | Decomposition products may include the following materials:<br><br>carbon dioxide<br>carbon monoxide |
|                                      | PMMA nominal Mp 1500000 | Decomposition products may include the following materials:<br><br>carbon dioxide<br>carbon monoxide |

**5.3 Advice for firefighters**

**SECTION 5: Firefighting measures**

|  |                         |  |
|--|-------------------------|--|
| <b>Special precautions for fire-fighters</b> | : PMMA nominal Mp 500   | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. |
|  | PMMA nominal Mp 1000    | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. |
|  | PMMA nominal Mp 2000    | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. |
|  | PMMA nominal Mp 7000    | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. |
|  | PMMA nominal Mp 13000   | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. |
|  | PMMA nominal Mp 30000   | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. |
|  | PMMA nominal Mp 70000   | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. |
|  | PMMA nominal Mp 130000  | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. |
|  | PMMA nominal Mp 300000  | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. |
|  | PMMA nominal Mp 500000  | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. |
|  | PMMA nominal Mp 1000000 | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. |
|  | PMMA nominal Mp 1500000 | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. |

**SECTION 5: Firefighting measures**

**Special protective equipment for fire-fighters**

|                         |   |
|-------------------------|---|
| : PMMA nominal Mp 500   | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. |
| PMMA nominal Mp 1000    | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. |
| PMMA nominal Mp 2000    | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. |
| PMMA nominal Mp 7000    | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. |
| PMMA nominal Mp 13000   | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. |
| PMMA nominal Mp 30000   | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. |
| PMMA nominal Mp 70000   | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. |
| PMMA nominal Mp 130000  | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. |
| PMMA nominal Mp 300000  | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. |
| PMMA nominal Mp 500000  | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. |
| PMMA nominal Mp 1000000 | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves)   |

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PMMA nominal Mp  
1500000

conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel**

: PMMA nominal Mp 500

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Put on appropriate personal protective equipment.

PMMA nominal Mp 1000

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Put on appropriate personal protective equipment.

PMMA nominal Mp 2000

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Put on appropriate personal protective equipment.

PMMA nominal Mp 7000

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Put on appropriate personal protective equipment.

PMMA nominal Mp  
13000

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Put on appropriate personal protective equipment.

PMMA nominal Mp  
30000

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Put on appropriate personal protective equipment.

PMMA nominal Mp  
70000

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Put on appropriate personal protective equipment.

PMMA nominal Mp  
130000

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering.




**SECTION 6: Accidental release measures**

|  |   |
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|  | Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Put on appropriate personal protective equipment.  |
| PMMA nominal Mp 300000                         | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Put on appropriate personal protective equipment. |
| PMMA nominal Mp 500000                         | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Put on appropriate personal protective equipment. |
| PMMA nominal Mp 1000000                        | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Put on appropriate personal protective equipment. |
| PMMA nominal Mp 1500000                        | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Put on appropriate personal protective equipment. |
| For emergency responders : PMMA nominal Mp 500 | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".   |
| PMMA nominal Mp 1000                           | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".   |
| PMMA nominal Mp 2000                           | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".   |
| PMMA nominal Mp 7000                           | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".   |
| PMMA nominal Mp 13000                          | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".   |
| PMMA nominal Mp 30000                          | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".   |
| PMMA nominal Mp 70000                          | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".   |
| PMMA nominal Mp 130000                         | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".   |

**SECTION 6: Accidental release measures**

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| PMMA nominal Mp<br>300000  | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| PMMA nominal Mp<br>500000  | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| PMMA nominal Mp<br>1000000 | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| PMMA nominal Mp<br>1500000 | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |

**6.2 Environmental precautions**

|   |   |
|---|---|
| :  PMMA nominal Mp 500 | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| PMMA nominal Mp 1000  | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| PMMA nominal Mp 2000  | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| PMMA nominal Mp 7000  | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| PMMA nominal Mp<br>13000  | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| PMMA nominal Mp<br>30000  | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| PMMA nominal Mp<br>70000  | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| PMMA nominal Mp<br>130000   | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| PMMA nominal Mp<br>300000   | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| PMMA nominal Mp<br>500000   | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| PMMA nominal Mp<br>1000000  | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| PMMA nominal Mp<br>1500000  | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant   |

**SECTION 6: Accidental release measures**

authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

**6.3 Methods and material for containment and cleaning up**

|  |   |
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| <b>Methods for cleaning up</b> : PMMA nominal Mp 500 | Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. |
| PMMA nominal Mp 1000                                 | Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. |
| PMMA nominal Mp 2000                                 | Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. |
| PMMA nominal Mp 7000                                 | Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. |
| PMMA nominal Mp 13000                                | Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. |
| PMMA nominal Mp 30000                                | Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. |
| PMMA nominal Mp 70000                                | Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. |
| PMMA nominal Mp 130000                               | Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. |
| PMMA nominal Mp 300000                               | Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. |
| PMMA nominal Mp 500000                               | Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. |
| PMMA nominal Mp 1000000                              | Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. |
| PMMA nominal Mp 1500000                              | Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. |

**6.4 Reference to other sections** : See Section 1 for emergency contact information.  
 See Section 8 for information on appropriate personal protective equipment.  
 See Section 13 for additional waste treatment information.



## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

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|---|---|
| <p><b>Protective measures</b> : PMMA nominal Mp 500</p> | <p>Put on appropriate personal protective equipment (see Section 8). Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material.</p> |
| <p>PMMA nominal Mp 1000</p>                             | <p>Put on appropriate personal protective equipment (see Section 8). Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material.</p> |
| <p>PMMA nominal Mp 2000</p>                             | <p>Put on appropriate personal protective equipment (see Section 8). Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material.</p> |
| <p>PMMA nominal Mp 7000</p>                             | <p>Put on appropriate personal protective equipment (see Section 8). Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material.</p> |
| <p>PMMA nominal Mp 13000</p>                            | <p>Put on appropriate personal protective equipment (see Section 8). Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion,</p>   |

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|---------------------------|--|
|                           | dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material.  |
| PMMA nominal Mp<br>30000  | Put on appropriate personal protective equipment (see Section 8). Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. |
| PMMA nominal Mp<br>70000  | Put on appropriate personal protective equipment (see Section 8). Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. |
| PMMA nominal Mp<br>130000 | Put on appropriate personal protective equipment (see Section 8). Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. |
| PMMA nominal Mp<br>300000 | Put on appropriate personal protective equipment (see Section 8). Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. |
| PMMA nominal Mp<br>500000 | Put on appropriate personal protective equipment (see Section 8). Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against   |

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|   |                         |  |
|---|-------------------------|--|
|   |                         | electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material.  |
|   | PMMA nominal Mp 1000000 | Put on appropriate personal protective equipment (see Section 8). Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. |
|   | PMMA nominal Mp 1500000 | Put on appropriate personal protective equipment (see Section 8). Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. |
| <b>Advice on general occupational hygiene</b> | : PMMA nominal Mp 500   | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.  |
|   | PMMA nominal Mp 1000    | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.  |
|   | PMMA nominal Mp 2000    | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.  |
|   | PMMA nominal Mp 7000    | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.  |
|   | PMMA nominal Mp 13000   | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.  |
|   | PMMA nominal Mp 30000   | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and  |

**SECTION 7: Handling and storage**

|                            |   |
|----------------------------|---|
| PMMA nominal Mp<br>70000   | protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. |
| PMMA nominal Mp<br>130000  | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.   |
| PMMA nominal Mp<br>300000  | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.   |
| PMMA nominal Mp<br>500000  | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.   |
| PMMA nominal Mp<br>1000000 | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.   |
| PMMA nominal Mp<br>1500000 | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.   |

**7.2 Conditions for safe storage, including any incompatibilities**

|                |                       |   |
|----------------|-----------------------|---|
| <b>Storage</b> | : PMMA nominal Mp 500 | Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. |
|                | PMMA nominal Mp 1000  | Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for  |

**SECTION 7: Handling and storage**

|                        |  |
|------------------------|--|
| PMMA nominal Mp 2000   | <p>incompatible materials before handling or use.</p> <p>Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p> |
| PMMA nominal Mp 7000   | <p>Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p>   |
| PMMA nominal Mp 13000  | <p>Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p>   |
| PMMA nominal Mp 30000  | <p>Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p>   |
| PMMA nominal Mp 70000  | <p>Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p>   |
| PMMA nominal Mp 130000 | <p>Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-</p>  |



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PMMA nominal Mp  
300000

ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

PMMA nominal Mp  
500000

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

PMMA nominal Mp  
1000000

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

PMMA nominal Mp  
1500000

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

**7.3 Specific end use(s)**

## SECTION 7: Handling and storage

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|---|---|--|--|
| <b>Recommendations</b>                      | : | <ul style="list-style-type: none"> <li>PMMA nominal Mp 500</li> <li>PMMA nominal Mp 1000</li> <li>PMMA nominal Mp 2000</li> <li>PMMA nominal Mp 7000</li> <li>PMMA nominal Mp 13000</li> <li>PMMA nominal Mp 30000</li> <li>PMMA nominal Mp 70000</li> <li>PMMA nominal Mp 130000</li> <li>PMMA nominal Mp 300000</li> <li>PMMA nominal Mp 500000</li> <li>PMMA nominal Mp 1000000</li> <li>PMMA nominal Mp 1500000</li> </ul> | <ul style="list-style-type: none"> <li>Industrial applications, Professional applications.</li> <li>Industrial applications, Professional applications.</li> <li>Industrial applications, Professional applications.</li> <li>Industrial applications, Professional applications.</li> <li>Industrial applications, Professional applications.</li> <li>Industrial applications, Professional applications.</li> <li>Industrial applications, Professional applications.</li> <li>Industrial applications, Professional applications.</li> <li>Industrial applications, Professional applications.</li> <li>Industrial applications, Professional applications.</li> <li>Industrial applications, Professional applications.</li> <li>Industrial applications, Professional applications.</li> </ul> |
| <b>Industrial sector specific solutions</b> | : | <ul style="list-style-type: none"> <li>PMMA nominal Mp 500</li> <li>PMMA nominal Mp 1000</li> <li>PMMA nominal Mp 2000</li> <li>PMMA nominal Mp 7000</li> <li>PMMA nominal Mp 13000</li> <li>PMMA nominal Mp 30000</li> <li>PMMA nominal Mp 70000</li> <li>PMMA nominal Mp 130000</li> <li>PMMA nominal Mp 300000</li> <li>PMMA nominal Mp 500000</li> <li>PMMA nominal Mp 1000000</li> <li>PMMA nominal Mp 1500000</li> </ul> | <ul style="list-style-type: none"> <li>Not available.</li> <li>Not available.</li> <li>Not available.</li> <li>Not available.</li> <li>Not available.</li> <li>Not available.</li> <li>Not available.</li> <li>Not available.</li> <li>Not available.</li> <li>Not available.</li> <li>Not available.</li> <li>Not available.</li> </ul>   |

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limits

No exposure limit value known.

#### Biological exposure indices

No exposure indices known.

#### **Recommended monitoring procedures**

: Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

#### DNELs/DMELs

No DNELs/DMELs available.

#### PNECs

## SECTION 8: Exposure controls/personal protection

No PNECs available

### 8.2 Exposure controls

**Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

#### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

#### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### 9.1 Information on basic physical and chemical properties

#### Appearance

|                       |   |                         |                  |
|-----------------------|---|-------------------------|------------------|
| <b>Physical state</b> | : | PMMA nominal Mp 500     | Solid. [Powder.] |
|                       |   | PMMA nominal Mp 1000    | Solid. [Powder.] |
|                       |   | PMMA nominal Mp 2000    | Solid. [Powder.] |
|                       |   | PMMA nominal Mp 7000    | Solid. [Powder.] |
|                       |   | PMMA nominal Mp 13000   | Solid. [Powder.] |
|                       |   | PMMA nominal Mp 30000   | Solid. [Powder.] |
|                       |   | PMMA nominal Mp 70000   | Solid. [Powder.] |
|                       |   | PMMA nominal Mp 130000  | Solid. [Powder.] |
|                       |   | PMMA nominal Mp 300000  | Solid. [Powder.] |
|                       |   | PMMA nominal Mp 500000  | Solid. [Powder.] |
|                       |   | PMMA nominal Mp 1000000 | Solid. [Powder.] |
|                       |   | PMMA nominal Mp         | Solid. [Powder.] |



**SECTION 9: Physical and chemical properties**

|                        |   |                         |                |
|------------------------|---|-------------------------|----------------|
|                        |   | 1500000                 |                |
| <b>Colour</b>          | : | PMMA nominal Mp 500     | White.         |
|                        |   | PMMA nominal Mp 1000    | White.         |
|                        |   | PMMA nominal Mp 2000    | White.         |
|                        |   | PMMA nominal Mp 7000    | White.         |
|                        |   | PMMA nominal Mp 13000   | White.         |
|                        |   | PMMA nominal Mp 30000   | White.         |
|                        |   | PMMA nominal Mp 70000   | White.         |
|                        |   | PMMA nominal Mp 130000  | White.         |
|                        |   | PMMA nominal Mp 300000  | White.         |
|                        |   | PMMA nominal Mp 500000  | White.         |
|                        |   | PMMA nominal Mp 1000000 | White.         |
|                        |   | PMMA nominal Mp 1500000 | White.         |
| <b>Odour</b>           | : | PMMA nominal Mp 500     | Not available. |
|                        |   | PMMA nominal Mp 1000    | Not available. |
|                        |   | PMMA nominal Mp 2000    | Not available. |
|                        |   | PMMA nominal Mp 7000    | Not available. |
|                        |   | PMMA nominal Mp 13000   | Not available. |
|                        |   | PMMA nominal Mp 30000   | Not available. |
|                        |   | PMMA nominal Mp 70000   | Not available. |
|                        |   | PMMA nominal Mp 130000  | Not available. |
|                        |   | PMMA nominal Mp 300000  | Not available. |
|                        |   | PMMA nominal Mp 500000  | Not available. |
|                        |   | PMMA nominal Mp 1000000 | Not available. |
|                        |   | PMMA nominal Mp 1500000 | Not available. |
| <b>Odour threshold</b> | : | PMMA nominal Mp 500     | Not available. |
|                        |   | PMMA nominal Mp 1000    | Not available. |
|                        |   | PMMA nominal Mp 2000    | Not available. |
|                        |   | PMMA nominal Mp 7000    | Not available. |
|                        |   | PMMA nominal Mp 13000   | Not available. |
|                        |   | PMMA nominal Mp 30000   | Not available. |
|                        |   | PMMA nominal Mp 70000   | Not available. |
|                        |   | PMMA nominal Mp 130000  | Not available. |
|                        |   | PMMA nominal Mp 300000  | Not available. |
|                        |   | PMMA nominal Mp 500000  | Not available. |
|                        |   | PMMA nominal Mp 1000000 | Not available. |
|                        |   | PMMA nominal Mp 1500000 | Not available. |

**SECTION 9: Physical and chemical properties**

**Melting point/freezing point** :  PMMA nominal Mp 500 >150°C  
 PMMA nominal Mp 1000 >150°C  
 PMMA nominal Mp 2000 >150°C  
 PMMA nominal Mp 7000 >150°C  
 PMMA nominal Mp 13000 >150°C  
 PMMA nominal Mp 30000 >150°C  
 PMMA nominal Mp 70000 >150°C  
 PMMA nominal Mp 130000 >150°C  
 PMMA nominal Mp 300000 >150°C  
 PMMA nominal Mp 500000 >150°C  
 PMMA nominal Mp 1000000 >150°C  
 PMMA nominal Mp 1500000 >150°C

**Initial boiling point and boiling range** :  PMMA nominal Mp 500 Not available.  
 PMMA nominal Mp 1000 Not available.  
 PMMA nominal Mp 2000 Not available.  
 PMMA nominal Mp 7000 Not available.  
 PMMA nominal Mp 13000 Not available.  
 PMMA nominal Mp 30000 Not available.  
 PMMA nominal Mp 70000 Not available.  
 PMMA nominal Mp 130000 Not available.  
 PMMA nominal Mp 300000 Not available.  
 PMMA nominal Mp 500000 Not available.  
 PMMA nominal Mp 1000000 Not available.  
 PMMA nominal Mp 1500000 Not available.

**Flammability** :  PMMA nominal Mp 500 Not available.  
 PMMA nominal Mp 1000 Not available.  
 PMMA nominal Mp 2000 Not available.  
 PMMA nominal Mp 7000 Not available.  
 PMMA nominal Mp 13000 Not available.  
 PMMA nominal Mp 30000 Not available.  
 PMMA nominal Mp 70000 Not available.  
 PMMA nominal Mp 130000 Not available.  
 PMMA nominal Mp 300000 Not available.  
 PMMA nominal Mp 500000 Not available.  
 PMMA nominal Mp 1000000 Not available.  
 PMMA nominal Mp 1500000 Not available.

**SECTION 9: Physical and chemical properties**

|   |                                       |                         |                    |
|---|---------------------------------------|-------------------------|--------------------|
| <b>Upper/lower flammability or explosive limits</b> | : <input checked="" type="checkbox"/> | PMMA nominal Mp 500     | Not applicable.    |
|   |                                       | PMMA nominal Mp 1000    | Not applicable.    |
|   |                                       | PMMA nominal Mp 2000    | Not applicable.    |
|   |                                       | PMMA nominal Mp 7000    | Not applicable.    |
|   |                                       | PMMA nominal Mp 13000   | Not applicable.    |
|   |                                       | PMMA nominal Mp 30000   | Not applicable.    |
|   |                                       | PMMA nominal Mp 70000   | Not applicable.    |
|   |                                       | PMMA nominal Mp 130000  | Not applicable.    |
|   |                                       | PMMA nominal Mp 300000  | Not applicable.    |
|   |                                       | PMMA nominal Mp 500000  | Not applicable.    |
|   |                                       | PMMA nominal Mp 1000000 | Not applicable.    |
|   |                                       | PMMA nominal Mp 1500000 | Not applicable.    |
| <b>Flash point</b>                                  | : <input checked="" type="checkbox"/> | PMMA nominal Mp 500     | Closed cup: >250°C |
|   |                                       | PMMA nominal Mp 1000    | Closed cup: >250°C |
|   |                                       | PMMA nominal Mp 2000    | Closed cup: >250°C |
|   |                                       | PMMA nominal Mp 7000    | Closed cup: >250°C |
|   |                                       | PMMA nominal Mp 13000   | Closed cup: >250°C |
|   |                                       | PMMA nominal Mp 30000   | Closed cup: >250°C |
|   |                                       | PMMA nominal Mp 70000   | Closed cup: >250°C |
|   |                                       | PMMA nominal Mp 130000  | Closed cup: >250°C |
|   |                                       | PMMA nominal Mp 300000  | Closed cup: >250°C |
|   |                                       | PMMA nominal Mp 500000  | Closed cup: >250°C |
|   |                                       | PMMA nominal Mp 1000000 | Closed cup: >250°C |
|   |                                       | PMMA nominal Mp 1500000 | Closed cup: >250°C |
| <b>Auto-ignition temperature</b>                    | : <input checked="" type="checkbox"/> | PMMA nominal Mp 500     | Not applicable.    |
|   |                                       | PMMA nominal Mp 1000    | Not applicable.    |
|   |                                       | PMMA nominal Mp 2000    | Not applicable.    |
|   |                                       | PMMA nominal Mp 7000    | Not applicable.    |
|   |                                       | PMMA nominal Mp 13000   | Not applicable.    |
|   |                                       | PMMA nominal Mp 30000   | Not applicable.    |
|   |                                       | PMMA nominal Mp 70000   | Not applicable.    |
|   |                                       | PMMA nominal Mp 130000  | Not applicable.    |
|   |                                       | PMMA nominal Mp 300000  | Not applicable.    |
|   |                                       | PMMA nominal Mp 500000  | Not applicable.    |
|   |                                       | PMMA nominal Mp 1000000 | Not applicable.    |
|   |                                       | PMMA nominal Mp 1500000 | Not applicable.    |

**SECTION 9: Physical and chemical properties**

**Decomposition temperature** :  PMMA nominal Mp 500 Not available.  
 PMMA nominal Mp 1000 Not available.  
 PMMA nominal Mp 2000 Not available.  
 PMMA nominal Mp 7000 Not available.  
 PMMA nominal Mp 13000 Not available.  
 PMMA nominal Mp 30000 Not available.  
 PMMA nominal Mp 70000 Not available.  
 PMMA nominal Mp 130000 Not available.  
 PMMA nominal Mp 300000 Not available.  
 PMMA nominal Mp 500000 Not available.  
 PMMA nominal Mp 1000000 Not available.  
 PMMA nominal Mp 1500000 Not available.

**pH** :  PMMA nominal Mp 500 Not available.  
 PMMA nominal Mp 1000 Not available.  
 PMMA nominal Mp 2000 Not available.  
 PMMA nominal Mp 7000 Not available.  
 PMMA nominal Mp 13000 Not available.  
 PMMA nominal Mp 30000 Not available.  
 PMMA nominal Mp 70000 Not available.  
 PMMA nominal Mp 130000 Not available.  
 PMMA nominal Mp 300000 Not available.  
 PMMA nominal Mp 500000 Not available.  
 PMMA nominal Mp 1000000 Not available.  
 PMMA nominal Mp 1500000 Not available.

**Viscosity** :  PMMA nominal Mp 500 Not applicable.  
 PMMA nominal Mp 1000 Not applicable.  
 PMMA nominal Mp 2000 Not applicable.  
 PMMA nominal Mp 7000 Not applicable.  
 PMMA nominal Mp 13000 Not applicable.  
 PMMA nominal Mp 30000 Not applicable.  
 PMMA nominal Mp 70000 Not applicable.  
 PMMA nominal Mp 130000 Not applicable.  
 PMMA nominal Mp 300000 Not applicable.  
 PMMA nominal Mp 500000 Not applicable.  
 PMMA nominal Mp 1000000 Not applicable.  
 PMMA nominal Mp 1500000 Not applicable.

**SECTION 9: Physical and chemical properties**

| Solubility(ies) | Media                            | Result    |
|-----------------|----------------------------------|-----------|
|                 | PMMA nominal Mp 500<br>water     | Insoluble |
|                 | PMMA nominal Mp 1000<br>water    | Insoluble |
|                 | PMMA nominal Mp 2000<br>water    | Insoluble |
|                 | PMMA nominal Mp 7000<br>water    | Insoluble |
|                 | PMMA nominal Mp 13000<br>water   | Insoluble |
|                 | PMMA nominal Mp 30000<br>water   | Insoluble |
|                 | PMMA nominal Mp 70000<br>water   | Insoluble |
|                 | PMMA nominal Mp 130000<br>water  | Insoluble |
|                 | PMMA nominal Mp 300000<br>water  | Insoluble |
|                 | PMMA nominal Mp 500000<br>water  | Insoluble |
|                 | PMMA nominal Mp 1000000<br>water | Insoluble |
|                 | PMMA nominal Mp 1500000<br>water | Insoluble |

|  |                         |                 |
|--|-------------------------|-----------------|
| Partition coefficient: n-octanol/water | PMMA nominal Mp 500     | Not applicable. |
|  | PMMA nominal Mp 1000    | Not available.  |
|  | PMMA nominal Mp 2000    | Not applicable. |
|  | PMMA nominal Mp 7000    | Not applicable. |
|  | PMMA nominal Mp 13000   | Not applicable. |
|  | PMMA nominal Mp 30000   | Not applicable. |
|  | PMMA nominal Mp 70000   | Not applicable. |
|  | PMMA nominal Mp 130000  | Not applicable. |
|  | PMMA nominal Mp 300000  | Not applicable. |
|  | PMMA nominal Mp 500000  | Not applicable. |
|  | PMMA nominal Mp 1000000 | Not applicable. |
|  | PMMA nominal Mp 1500000 | Not applicable. |

Vapour pressure : Not available.

|                  |                         |                |
|------------------|-------------------------|----------------|
| Evaporation rate | PMMA nominal Mp 500     | Not available. |
|                  | PMMA nominal Mp 1000    | Not available. |
|                  | PMMA nominal Mp 2000    | Not available. |
|                  | PMMA nominal Mp 7000    | Not available. |
|                  | PMMA nominal Mp 13000   | Not available. |
|                  | PMMA nominal Mp 30000   | Not available. |
|                  | PMMA nominal Mp 70000   | Not available. |
|                  | PMMA nominal Mp 130000  | Not available. |
|                  | PMMA nominal Mp 300000  | Not available. |
|                  | PMMA nominal Mp 500000  | Not available. |
|                  | PMMA nominal Mp 1000000 | Not available. |
|                  | PMMA nominal Mp 1500000 | Not available. |

**SECTION 9: Physical and chemical properties**

|                             |   |                 |
|-----------------------------|---|-----------------|
|                             | 500000  |                 |
|                             | PMMA nominal Mp   | Not available.  |
|                             | 1000000   |                 |
|                             | PMMA nominal Mp   | Not available.  |
|                             | 1500000   |                 |
| <b>Relative density</b>     | : <input checked="" type="checkbox"/> PMMA nominal Mp 500 | Not available.  |
|                             | PMMA nominal Mp 1000                                      | Not available.  |
|                             | PMMA nominal Mp 2000                                      | Not available.  |
|                             | PMMA nominal Mp 7000                                      | Not available.  |
|                             | PMMA nominal Mp   | Not available.  |
|                             | 13000   |                 |
|                             | PMMA nominal Mp   | Not available.  |
|                             | 30000   |                 |
|                             | PMMA nominal Mp   | Not available.  |
|                             | 70000   |                 |
|                             | PMMA nominal Mp   | Not available.  |
|                             | 130000  |                 |
|                             | PMMA nominal Mp   | Not available.  |
|                             | 300000  |                 |
|                             | PMMA nominal Mp   | Not available.  |
|                             | 500000  |                 |
|                             | PMMA nominal Mp   | Not available.  |
|                             | 1000000   |                 |
|                             | PMMA nominal Mp   | Not available.  |
|                             | 1500000   |                 |
| <b>Vapour density</b>       | : <input checked="" type="checkbox"/> PMMA nominal Mp 500 | Not applicable. |
|                             | PMMA nominal Mp 1000                                      | Not applicable. |
|                             | PMMA nominal Mp 2000                                      | Not applicable. |
|                             | PMMA nominal Mp 7000                                      | Not applicable. |
|                             | PMMA nominal Mp   | Not applicable. |
|                             | 13000   |                 |
|                             | PMMA nominal Mp   | Not applicable. |
|                             | 30000   |                 |
|                             | PMMA nominal Mp   | Not applicable. |
|                             | 70000   |                 |
|                             | PMMA nominal Mp   | Not applicable. |
|                             | 130000  |                 |
|                             | PMMA nominal Mp   | Not applicable. |
|                             | 300000  |                 |
|                             | PMMA nominal Mp   | Not applicable. |
|                             | 500000  |                 |
|                             | PMMA nominal Mp   | Not applicable. |
|                             | 1000000   |                 |
|                             | PMMA nominal Mp   | Not applicable. |
|                             | 1500000   |                 |
| <b>Explosive properties</b> | : <input checked="" type="checkbox"/> PMMA nominal Mp 500 | Not available.  |
|                             | PMMA nominal Mp 1000                                      | Not available.  |
|                             | PMMA nominal Mp 2000                                      | Not available.  |
|                             | PMMA nominal Mp 7000                                      | Not available.  |
|                             | PMMA nominal Mp   | Not available.  |
|                             | 13000   |                 |
|                             | PMMA nominal Mp   | Not available.  |
|                             | 30000   |                 |
|                             | PMMA nominal Mp   | Not available.  |
|                             | 70000   |                 |
|                             | PMMA nominal Mp   | Not available.  |
|                             | 130000  |                 |
|                             | PMMA nominal Mp   | Not available.  |
|                             | 300000  |                 |
|                             | PMMA nominal Mp   | Not available.  |
|                             | 500000  |                 |
|                             | PMMA nominal Mp   | Not available.  |
|                             | 1000000   |                 |

**SECTION 9: Physical and chemical properties**

|                             |   |                |
|-----------------------------|---|----------------|
|                             | PMMA nominal Mp 1500000                                   | Not available. |
| <b>Oxidising properties</b> | : <input checked="" type="checkbox"/> PMMA nominal Mp 500 | Not available. |
|                             | PMMA nominal Mp 1000                                      | Not available. |
|                             | PMMA nominal Mp 2000                                      | Not available. |
|                             | PMMA nominal Mp 7000                                      | Not available. |
|                             | PMMA nominal Mp 13000                                     | Not available. |
|                             | PMMA nominal Mp 30000                                     | Not available. |
|                             | PMMA nominal Mp 70000                                     | Not available. |
|                             | PMMA nominal Mp 130000                                    | Not available. |
|                             | PMMA nominal Mp 300000                                    | Not available. |
|                             | PMMA nominal Mp 500000                                    | Not available. |
|                             | PMMA nominal Mp 1000000                                   | Not available. |
|                             | PMMA nominal Mp 1500000                                   | Not available. |

**Particle characteristics**

|                             |   |                |
|-----------------------------|---|----------------|
| <b>Median particle size</b> | : <input checked="" type="checkbox"/> PMMA nominal Mp 500 | Not available. |
|                             | PMMA nominal Mp 1000                                      | Not available. |
|                             | PMMA nominal Mp 2000                                      | Not available. |
|                             | PMMA nominal Mp 7000                                      | Not available. |
|                             | PMMA nominal Mp 13000                                     | Not available. |
|                             | PMMA nominal Mp 30000                                     | Not available. |
|                             | PMMA nominal Mp 70000                                     | Not available. |
|                             | PMMA nominal Mp 130000                                    | Not available. |
|                             | PMMA nominal Mp 300000                                    | Not available. |
|                             | PMMA nominal Mp 500000                                    | Not available. |
|                             | PMMA nominal Mp 1000000                                   | Not available. |
|                             | PMMA nominal Mp 1500000                                   | Not available. |

**9.2 Other information**

No additional information.

**SECTION 10: Stability and reactivity**

|                        |   |  |
|------------------------|---|--|
| <b>10.1 Reactivity</b> | : <input checked="" type="checkbox"/> PMMA nominal Mp 500 | No specific test data related to reactivity available for this product or its ingredients. |
|                        | PMMA nominal Mp 1000                                      | No specific test data related to reactivity available for this product or its ingredients. |
|                        | PMMA nominal Mp 2000                                      | No specific test data related to reactivity available for this product or its ingredients. |
|                        | PMMA nominal Mp 7000                                      | No specific test data related to reactivity available for this product or its ingredients. |
|                        | PMMA nominal Mp 13000                                     | No specific test data related to reactivity available for this product or its ingredients. |
|                        | PMMA nominal Mp 30000                                     | No specific test data related to reactivity available for this product or its ingredients. |
|                        | PMMA nominal Mp 70000                                     | No specific test data related to reactivity available for this product or its ingredients. |

**SECTION 10: Stability and reactivity**

|                         |  |
|-------------------------|--|
| PMMA nominal Mp 130000  | No specific test data related to reactivity available for this product or its ingredients. |
| PMMA nominal Mp 300000  | No specific test data related to reactivity available for this product or its ingredients. |
| PMMA nominal Mp 500000  | No specific test data related to reactivity available for this product or its ingredients. |
| PMMA nominal Mp 1000000 | No specific test data related to reactivity available for this product or its ingredients. |
| PMMA nominal Mp 1500000 | No specific test data related to reactivity available for this product or its ingredients. |

**10.2 Chemical stability**

|                         |                        |
|-------------------------|------------------------|
| : PMMA nominal Mp 500   | The product is stable. |
| PMMA nominal Mp 1000    | The product is stable. |
| PMMA nominal Mp 2000    | The product is stable. |
| PMMA nominal Mp 7000    | The product is stable. |
| PMMA nominal Mp 13000   | The product is stable. |
| PMMA nominal Mp 30000   | The product is stable. |
| PMMA nominal Mp 70000   | The product is stable. |
| PMMA nominal Mp 130000  | The product is stable. |
| PMMA nominal Mp 300000  | The product is stable. |
| PMMA nominal Mp 500000  | The product is stable. |
| PMMA nominal Mp 1000000 | The product is stable. |
| PMMA nominal Mp 1500000 | The product is stable. |

**10.3 Possibility of hazardous reactions**

|                         |   |
|-------------------------|---|
| : PMMA nominal Mp 500   | Under normal conditions of storage and use, hazardous reactions will not occur. |
| PMMA nominal Mp 1000    | Under normal conditions of storage and use, hazardous reactions will not occur. |
| PMMA nominal Mp 2000    | Under normal conditions of storage and use, hazardous reactions will not occur. |
| PMMA nominal Mp 7000    | Under normal conditions of storage and use, hazardous reactions will not occur. |
| PMMA nominal Mp 13000   | Under normal conditions of storage and use, hazardous reactions will not occur. |
| PMMA nominal Mp 30000   | Under normal conditions of storage and use, hazardous reactions will not occur. |
| PMMA nominal Mp 70000   | Under normal conditions of storage and use, hazardous reactions will not occur. |
| PMMA nominal Mp 130000  | Under normal conditions of storage and use, hazardous reactions will not occur. |
| PMMA nominal Mp 300000  | Under normal conditions of storage and use, hazardous reactions will not occur. |
| PMMA nominal Mp 500000  | Under normal conditions of storage and use, hazardous reactions will not occur. |
| PMMA nominal Mp 1000000 | Under normal conditions of storage and use, hazardous reactions will not occur. |
| PMMA nominal Mp 1500000 | Under normal conditions of storage and use, hazardous reactions will not occur. |



**SECTION 10: Stability and reactivity**


|                          |                         |  |
|--------------------------|-------------------------|--|
| 10.4 Conditions to avoid | : PMMA nominal Mp 500   | Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation. |
|                          | PMMA nominal Mp 1000    | Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation. |
|                          | PMMA nominal Mp 2000    | Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation. |
|                          | PMMA nominal Mp 7000    | Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation. |
|                          | PMMA nominal Mp 13000   | Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation. |
|                          | PMMA nominal Mp 30000   | Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation. |
|                          | PMMA nominal Mp 70000   | Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation. |
|                          | PMMA nominal Mp 130000  | Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation. |
|                          | PMMA nominal Mp 300000  | Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation. |
|                          | PMMA nominal Mp 500000  | Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation. |
|                          | PMMA nominal Mp 1000000 | Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during  |

**SECTION 10: Stability and reactivity**


PMMA nominal Mp  
1500000

transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation.

**10.5 Incompatible materials**

- :  PMMA nominal Mp 500 Reactive or incompatible with the following materials: oxidising materials
- PMMA nominal Mp 1000 Reactive or incompatible with the following materials: oxidising materials
- PMMA nominal Mp 2000 Reactive or incompatible with the following materials: oxidising materials
- PMMA nominal Mp 7000 Reactive or incompatible with the following materials: oxidising materials
- PMMA nominal Mp 13000 Reactive or incompatible with the following materials: oxidising materials
- PMMA nominal Mp 30000 Reactive or incompatible with the following materials: oxidising materials
- PMMA nominal Mp 70000 Reactive or incompatible with the following materials: oxidising materials
- PMMA nominal Mp 130000 Reactive or incompatible with the following materials: oxidising materials
- PMMA nominal Mp 300000 Reactive or incompatible with the following materials: oxidising materials
- PMMA nominal Mp 500000 Reactive or incompatible with the following materials: oxidising materials
- PMMA nominal Mp 1000000 Reactive or incompatible with the following materials: oxidising materials
- PMMA nominal Mp 1500000 Reactive or incompatible with the following materials: oxidising materials

**10.6 Hazardous decomposition products**

- :  PMMA nominal Mp 500 Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- PMMA nominal Mp 1000 Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- PMMA nominal Mp 2000 Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- PMMA nominal Mp 7000 Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- PMMA nominal Mp 13000 Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- PMMA nominal Mp 30000 Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- PMMA nominal Mp 70000 Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- PMMA nominal Mp 130000 Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- PMMA nominal Mp 300000 Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- PMMA nominal Mp 500000 Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- PMMA nominal Mp Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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|                 |   |
|-----------------|---|
| 1000000         | decomposition products should not be produced.        |
| PMMA nominal Mp | Under normal conditions of storage and use, hazardous |
| 1500000         | decomposition products should not be produced.        |

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Acute toxicity

Not available.

Acute toxicity estimates

N/A

Irritation/Corrosion

**Conclusion/Summary** : Not available.

Sensitiser

**Conclusion/Summary** : Not available.

Mutagenicity

**Conclusion/Summary** : Not available.

Carcinogenicity

**Conclusion/Summary** : Not available.

Reproductive toxicity

**Conclusion/Summary** : Not available.

Teratogenicity

**Conclusion/Summary** : Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

**Information on likely routes of exposure**

|                         |                |
|-------------------------|----------------|
| PMMA nominal Mp 500     | Not available. |
| PMMA nominal Mp 1000    | Not available. |
| PMMA nominal Mp 2000    | Not available. |
| PMMA nominal Mp 7000    | Not available. |
| PMMA nominal Mp 13000   | Not available. |
| PMMA nominal Mp 30000   | Not available. |
| PMMA nominal Mp 70000   | Not available. |
| PMMA nominal Mp 130000  | Not available. |
| PMMA nominal Mp 300000  | Not available. |
| PMMA nominal Mp 500000  | Not available. |
| PMMA nominal Mp 1000000 | Not available. |
| PMMA nominal Mp 1500000 | Not available. |

Potential acute health effects

**SECTION 11: Toxicological information**

|                     |   |                         |  |
|---------------------|---|-------------------------|--|
| <b>Inhalation</b>   | : | PMMA nominal Mp 500     | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. |
|                     |   | PMMA nominal Mp 1000    | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. |
|                     |   | PMMA nominal Mp 2000    | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. |
|                     |   | PMMA nominal Mp 7000    | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. |
|                     |   | PMMA nominal Mp 13000   | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. |
|                     |   | PMMA nominal Mp 30000   | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. |
|                     |   | PMMA nominal Mp 70000   | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. |
|                     |   | PMMA nominal Mp 130000  | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. |
|                     |   | PMMA nominal Mp 300000  | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. |
|                     |   | PMMA nominal Mp 500000  | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. |
|                     |   | PMMA nominal Mp 1000000 | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. |
|                     |   | PMMA nominal Mp 1500000 | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. |
| <b>Ingestion</b>    | : | PMMA nominal Mp 500     | No known significant effects or critical hazards.  |
|                     |   | PMMA nominal Mp 1000    | No known significant effects or critical hazards.  |
|                     |   | PMMA nominal Mp 2000    | No known significant effects or critical hazards.  |
|                     |   | PMMA nominal Mp 7000    | No known significant effects or critical hazards.  |
|                     |   | PMMA nominal Mp 13000   | No known significant effects or critical hazards.  |
|                     |   | PMMA nominal Mp 30000   | No known significant effects or critical hazards.  |
|                     |   | PMMA nominal Mp 70000   | No known significant effects or critical hazards.  |
|                     |   | PMMA nominal Mp 130000  | No known significant effects or critical hazards.  |
|                     |   | PMMA nominal Mp 300000  | No known significant effects or critical hazards.  |
|                     |   | PMMA nominal Mp 500000  | No known significant effects or critical hazards.  |
|                     |   | PMMA nominal Mp 1000000 | No known significant effects or critical hazards.  |
|                     |   | PMMA nominal Mp 1500000 | No known significant effects or critical hazards.  |
| <b>Skin contact</b> | : | PMMA nominal Mp 500     | No known significant effects or critical hazards.  |
|                     |   | PMMA nominal Mp 1000    | No known significant effects or critical hazards.  |
|                     |   | PMMA nominal Mp 2000    | No known significant effects or critical hazards.  |
|                     |   | PMMA nominal Mp 7000    | No known significant effects or critical hazards.  |
|                     |   | PMMA nominal Mp 13000   | No known significant effects or critical hazards.  |
|                     |   | PMMA nominal Mp 30000   | No known significant effects or critical hazards.  |

**SECTION 11: Toxicological information**

|                    |                         |  |
|--------------------|-------------------------|--|
|                    | PMMA nominal Mp 70000   | No known significant effects or critical hazards.  |
|                    | PMMA nominal Mp 130000  | No known significant effects or critical hazards.  |
|                    | PMMA nominal Mp 300000  | No known significant effects or critical hazards.  |
|                    | PMMA nominal Mp 500000  | No known significant effects or critical hazards.  |
|                    | PMMA nominal Mp 1000000 | No known significant effects or critical hazards.  |
|                    | PMMA nominal Mp 1500000 | No known significant effects or critical hazards.  |
| <b>Eye contact</b> | : PMMA nominal Mp 500   | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. |
|                    | PMMA nominal Mp 1000    | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. |
|                    | PMMA nominal Mp 2000    | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. |
|                    | PMMA nominal Mp 7000    | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. |
|                    | PMMA nominal Mp 13000   | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. |
|                    | PMMA nominal Mp 30000   | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. |
|                    | PMMA nominal Mp 70000   | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. |
|                    | PMMA nominal Mp 130000  | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. |
|                    | PMMA nominal Mp 300000  | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. |
|                    | PMMA nominal Mp 500000  | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. |
|                    | PMMA nominal Mp 1000000 | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. |
|                    | PMMA nominal Mp 1500000 | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. |

**Symptoms related to the physical, chemical and toxicological characteristics**

|                   |                       |   |
|-------------------|-----------------------|---|
| <b>Inhalation</b> | : PMMA nominal Mp 500 | Adverse symptoms may include the following:<br>respiratory tract irritation<br>coughing |
|                   | PMMA nominal Mp 1000  | Adverse symptoms may include the following:<br>respiratory tract irritation<br>coughing |
|                   | PMMA nominal Mp 2000  | Adverse symptoms may include the following:<br>respiratory tract irritation<br>coughing |
|                   | PMMA nominal Mp 7000  | Adverse symptoms may include the following:<br>respiratory tract irritation<br>coughing |
|                   | PMMA nominal Mp 13000 | Adverse symptoms may include the following:   |

**SECTION 11: Toxicological information**

|                            |  |   |
|----------------------------|--|---|
|                            |  | respiratory tract irritation<br>coughing<br>Adverse symptoms may include the following: |
| PMMA nominal Mp<br>30000   |  |   |
|                            |  | respiratory tract irritation<br>coughing<br>Adverse symptoms may include the following: |
| PMMA nominal Mp<br>70000   |  |   |
|                            |  | respiratory tract irritation<br>coughing<br>Adverse symptoms may include the following: |
| PMMA nominal Mp<br>130000  |  |   |
|                            |  | respiratory tract irritation<br>coughing<br>Adverse symptoms may include the following: |
| PMMA nominal Mp<br>300000  |  |   |
|                            |  | respiratory tract irritation<br>coughing<br>Adverse symptoms may include the following: |
| PMMA nominal Mp<br>500000  |  |   |
|                            |  | respiratory tract irritation<br>coughing<br>Adverse symptoms may include the following: |
| PMMA nominal Mp<br>1000000 |  |   |
|                            |  | respiratory tract irritation<br>coughing<br>Adverse symptoms may include the following: |
| PMMA nominal Mp<br>1500000 |  |   |

**Ingestion**

|   |                            |                   |
|---|----------------------------|-------------------|
| : | PMMA nominal Mp 500        | No specific data. |
|   | PMMA nominal Mp 1000       | No specific data. |
|   | PMMA nominal Mp 2000       | No specific data. |
|   | PMMA nominal Mp 7000       | No specific data. |
|   | PMMA nominal Mp<br>13000   | No specific data. |
|   | PMMA nominal Mp<br>30000   | No specific data. |
|   | PMMA nominal Mp<br>70000   | No specific data. |
|   | PMMA nominal Mp<br>130000  | No specific data. |
|   | PMMA nominal Mp<br>300000  | No specific data. |
|   | PMMA nominal Mp<br>500000  | No specific data. |
|   | PMMA nominal Mp<br>1000000 | No specific data. |
|   | PMMA nominal Mp<br>1500000 | No specific data. |

**Skin contact**

|   |                           |                   |
|---|---------------------------|-------------------|
| : | PMMA nominal Mp 500       | No specific data. |
|   | PMMA nominal Mp 1000      | No specific data. |
|   | PMMA nominal Mp 2000      | No specific data. |
|   | PMMA nominal Mp 7000      | No specific data. |
|   | PMMA nominal Mp<br>13000  | No specific data. |
|   | PMMA nominal Mp<br>30000  | No specific data. |
|   | PMMA nominal Mp<br>70000  | No specific data. |
|   | PMMA nominal Mp<br>130000 | No specific data. |
|   | PMMA nominal Mp<br>300000 | No specific data. |



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|                    |                         |  |
|--------------------|-------------------------|--|
|                    | PMMA nominal Mp 500000  | No specific data.  |
|                    | PMMA nominal Mp 1000000 | No specific data.  |
|                    | PMMA nominal Mp 1500000 | No specific data.  |
| <b>Eye contact</b> | : PMMA nominal Mp 500   | Adverse symptoms may include the following:<br>irritation<br>redness |
|                    | PMMA nominal Mp 1000    | Adverse symptoms may include the following:<br>irritation<br>redness |
|                    | PMMA nominal Mp 2000    | Adverse symptoms may include the following:<br>irritation<br>redness |
|                    | PMMA nominal Mp 7000    | Adverse symptoms may include the following:<br>irritation<br>redness |
|                    | PMMA nominal Mp 13000   | Adverse symptoms may include the following:<br>irritation<br>redness |
|                    | PMMA nominal Mp 30000   | Adverse symptoms may include the following:<br>irritation<br>redness |
|                    | PMMA nominal Mp 70000   | Adverse symptoms may include the following:<br>irritation<br>redness |
|                    | PMMA nominal Mp 130000  | Adverse symptoms may include the following:<br>irritation<br>redness |
|                    | PMMA nominal Mp 300000  | Adverse symptoms may include the following:<br>irritation<br>redness |
|                    | PMMA nominal Mp 500000  | Adverse symptoms may include the following:<br>irritation<br>redness |
|                    | PMMA nominal Mp 1000000 | Adverse symptoms may include the following:<br>irritation<br>redness |
|                    | PMMA nominal Mp 1500000 | Adverse symptoms may include the following:<br>irritation<br>redness |

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Short term exposure**

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

**Long term exposure**

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

**SECTION 11: Toxicological information**

**Potential chronic health effects**

**Conclusion/Summary** : Not available.

**General** : PMMA nominal Mp 500 Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.  
 PMMA nominal Mp 1000 Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.  
 PMMA nominal Mp 2000 Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.  
 PMMA nominal Mp 7000 Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.  
 PMMA nominal Mp 13000 Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.  
 PMMA nominal Mp 30000 Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.  
 PMMA nominal Mp 70000 Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.  
 PMMA nominal Mp 130000 Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.  
 PMMA nominal Mp 300000 Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.  
 PMMA nominal Mp 500000 Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.  
 PMMA nominal Mp 1000000 Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.  
 PMMA nominal Mp 1500000 Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.

**Carcinogenicity** : PMMA nominal Mp 500 No known significant effects or critical hazards.  
 PMMA nominal Mp 1000 No known significant effects or critical hazards.  
 PMMA nominal Mp 2000 No known significant effects or critical hazards.  
 PMMA nominal Mp 7000 No known significant effects or critical hazards.  
 PMMA nominal Mp 13000 No known significant effects or critical hazards.  
 PMMA nominal Mp 30000 No known significant effects or critical hazards.  
 PMMA nominal Mp 70000 No known significant effects or critical hazards.  
 PMMA nominal Mp 130000 No known significant effects or critical hazards.  
 PMMA nominal Mp 300000 No known significant effects or critical hazards.  
 PMMA nominal Mp 500000 No known significant effects or critical hazards.  
 PMMA nominal Mp 1000000 No known significant effects or critical hazards.  
 PMMA nominal Mp 1500000 No known significant effects or critical hazards.

**Mutagenicity** : PMMA nominal Mp 500 No known significant effects or critical hazards.  
 PMMA nominal Mp 1000 No known significant effects or critical hazards.  
 PMMA nominal Mp 2000 No known significant effects or critical hazards.  
 PMMA nominal Mp 7000 No known significant effects or critical hazards.  
 PMMA nominal Mp 13000 No known significant effects or critical hazards.  
 PMMA nominal Mp 30000 No known significant effects or critical hazards.  
 PMMA nominal Mp 70000 No known significant effects or critical hazards.  
 PMMA nominal Mp 130000 No known significant effects or critical hazards.  
 PMMA nominal Mp 300000 No known significant effects or critical hazards.  
 PMMA nominal Mp 500000 No known significant effects or critical hazards.  
 PMMA nominal Mp 1500000 No known significant effects or critical hazards.

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|                              |   |   |
|------------------------------|---|---|
|                              | 1000000   |   |
|                              | PMMA nominal Mp   | No known significant effects or critical hazards. |
|                              | 1500000   |   |
| <b>Reproductive toxicity</b> | : <input checked="" type="checkbox"/> PMMA nominal Mp 500 | No known significant effects or critical hazards. |
|                              | PMMA nominal Mp 1000                                      | No known significant effects or critical hazards. |
|                              | PMMA nominal Mp 2000                                      | No known significant effects or critical hazards. |
|                              | PMMA nominal Mp 7000                                      | No known significant effects or critical hazards. |
|                              | PMMA nominal Mp   | No known significant effects or critical hazards. |
|                              | 13000   |   |
|                              | PMMA nominal Mp   | No known significant effects or critical hazards. |
|                              | 30000   |   |
|                              | PMMA nominal Mp   | No known significant effects or critical hazards. |
|                              | 70000   |   |
|                              | PMMA nominal Mp   | No known significant effects or critical hazards. |
|                              | 130000  |   |
|                              | PMMA nominal Mp   | No known significant effects or critical hazards. |
|                              | 300000  |   |
|                              | PMMA nominal Mp   | No known significant effects or critical hazards. |
|                              | 500000  |   |
|                              | PMMA nominal Mp   | No known significant effects or critical hazards. |
|                              | 1000000   |   |
|                              | PMMA nominal Mp   | No known significant effects or critical hazards. |
|                              | 1500000   |   |

**11.2 Information on other hazards**

**11.2.1 Endocrine disrupting properties**

Not available.

**11.2.2 Other information**

|   |  |
|---|--|
| <input checked="" type="checkbox"/> PMMA nominal Mp 500 | Adverse symptoms may include the following: Very slightly to slightly dangerous in case of skin contact (corrosive, irritant, sensitiser, permeator), eye contact (irritant), ingestion or inhalation. |
| PMMA nominal Mp 1000                                    | Adverse symptoms may include the following: Very slightly to slightly dangerous in case of skin contact (corrosive, irritant, sensitiser, permeator), eye contact (irritant), ingestion or inhalation. |
| PMMA nominal Mp 2000                                    | Adverse symptoms may include the following: Very slightly to slightly dangerous in case of skin contact (corrosive, irritant, sensitiser, permeator), eye contact (irritant), ingestion or inhalation. |
| PMMA nominal Mp 7000                                    | Adverse symptoms may include the following: Very slightly to slightly dangerous in case of skin contact (corrosive, irritant, sensitiser, permeator), eye contact (irritant), ingestion or inhalation. |
| PMMA nominal Mp 13000                                   | Adverse symptoms may include the following: Very slightly to slightly dangerous in case of skin contact (corrosive, irritant, sensitiser, permeator), eye contact (irritant), ingestion or inhalation. |
| PMMA nominal Mp 30000                                   | Adverse symptoms may include the following: Very slightly to slightly dangerous in case of skin contact (corrosive, irritant, sensitiser, permeator), eye contact (irritant), ingestion or inhalation. |
| PMMA nominal Mp 70000                                   | Adverse symptoms may include the following: Very slightly to slightly dangerous in case of skin contact (corrosive, irritant, sensitiser, permeator), eye contact (irritant), ingestion or inhalation. |
| PMMA nominal Mp 130000                                  | Adverse symptoms may include the following: Very slightly to slightly dangerous in case of skin contact (corrosive, irritant, sensitiser, permeator), eye contact (irritant), ingestion or inhalation. |
| PMMA nominal Mp 300000                                  | Adverse symptoms may include the following: Very slightly to slightly dangerous in case of skin contact (corrosive, irritant, sensitiser, permeator), eye contact (irritant), ingestion or inhalation. |
| PMMA nominal Mp 500000                                  | Adverse symptoms may include the following: Very slightly to slightly dangerous in case of skin contact (corrosive, irritant, sensitiser, permeator), eye contact (irritant), ingestion or inhalation. |
| PMMA nominal Mp 1000000                                 | Adverse symptoms may include the following: Very slightly to slightly dangerous in case of skin contact (corrosive, irritant, sensitiser, permeator), eye contact (irritant), ingestion or inhalation. |
| PMMA nominal Mp 1500000                                 | Adverse symptoms may include the following: Very slightly to slightly dangerous in   |

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## SECTION 11: Toxicological information

case of skin contact (corrosive, irritant, sensitiser, permeator), eye contact (irritant), ingestion or inhalation.

## SECTION 12: Ecological information

### 12.1 Toxicity

**Conclusion/Summary** : Not available.

### 12.2 Persistence and degradability

Not available.

### 12.3 Bioaccumulative potential

| Product/ingredient name  | LogP <sub>ow</sub> | BCF  | Potential |
|--|--------------------|------|-----------|
| <b>PMMA nominal Mp 500</b><br>2-Propenoic acid, 2-methyl-, methyl ester, homopolymer     | -                  | <500 | Low       |
| <b>PMMA nominal Mp 1000</b><br>2-Propenoic acid, 2-methyl-, methyl ester, homopolymer    | -                  | <500 | Low       |
| <b>PMMA nominal Mp 2000</b><br>2-Propenoic acid, 2-methyl-, methyl ester, homopolymer    | -                  | <500 | Low       |
| <b>PMMA nominal Mp 7000</b><br>2-Propenoic acid, 2-methyl-, methyl ester, homopolymer    | -                  | <500 | Low       |
| <b>PMMA nominal Mp 13000</b><br>2-Propenoic acid, 2-methyl-, methyl ester, homopolymer   | -                  | <500 | Low       |
| <b>PMMA nominal Mp 30000</b><br>2-Propenoic acid, 2-methyl-, methyl ester, homopolymer   | -                  | <500 | Low       |
| <b>PMMA nominal Mp 70000</b><br>2-Propenoic acid, 2-methyl-, methyl ester, homopolymer   | -                  | <500 | Low       |
| <b>PMMA nominal Mp 130000</b><br>2-Propenoic acid, 2-methyl-, methyl ester, homopolymer  | -                  | <500 | Low       |
| <b>PMMA nominal Mp 300000</b><br>2-Propenoic acid, 2-methyl-, methyl ester, homopolymer  | -                  | <500 | Low       |
| <b>PMMA nominal Mp 500000</b><br>2-Propenoic acid, 2-methyl-, methyl ester, homopolymer  | -                  | <500 | Low       |
| <b>PMMA nominal Mp 1000000</b><br>2-Propenoic acid, 2-methyl-, methyl ester, homopolymer | -                  | <500 | Low       |
| <b>PMMA nominal Mp 1500000</b><br>2-Propenoic acid, 2-methyl-, methyl ester, homopolymer | -                  | <500 | Low       |

**SECTION 12: Ecological information**

**12.4 Mobility in soil**

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

**Mobility** : Not available.

**12.5 Results of PBT and vPvB assessment**

| Product/ingredient name   | PBT | P   | B   | T   | vPvB | vP  | vB  |
|---|-----|-----|-----|-----|------|-----|-----|
| <b>PMMA nominal Mp 500</b><br>PMMA nominal Mp 500                                     | N/A | N/A | N/A | N/A | N/A  | N/A | N/A |
| <b>PMMA nominal Mp 1000</b><br>2-Propenoic acid, 2-methyl-, methyl ester, homopolymer | No  | Yes | No  | No  | No   | No  | No  |
| <b>PMMA nominal Mp 2000</b><br>PMMA nominal Mp 2000                                   | N/A | N/A | N/A | N/A | N/A  | N/A | N/A |
| <b>PMMA nominal Mp 7000</b><br>PMMA nominal Mp 7000                                   | N/A | N/A | N/A | N/A | N/A  | N/A | N/A |
| <b>PMMA nominal Mp 13000</b><br>PMMA nominal Mp 13000                                 | N/A | N/A | N/A | N/A | N/A  | N/A | N/A |
| <b>PMMA nominal Mp 30000</b><br>PMMA nominal Mp 30000                                 | N/A | N/A | N/A | N/A | N/A  | N/A | N/A |
| <b>PMMA nominal Mp 70000</b><br>PMMA nominal Mp 70000                                 | N/A | N/A | N/A | N/A | N/A  | N/A | N/A |
| <b>PMMA nominal Mp 130000</b><br>PMMA nominal Mp 130000                               | N/A | N/A | N/A | N/A | N/A  | N/A | N/A |
| <b>PMMA nominal Mp 300000</b><br>PMMA nominal Mp 300000                               | N/A | N/A | N/A | N/A | N/A  | N/A | N/A |
| <b>PMMA nominal Mp 500000</b><br>PMMA nominal Mp 500000                               | N/A | N/A | N/A | N/A | N/A  | N/A | N/A |
| <b>PMMA nominal Mp 1000000</b><br>PMMA nominal Mp 1000000                             | N/A | N/A | N/A | N/A | N/A  | N/A | N/A |
| <b>PMMA nominal Mp 1500000</b><br>PMMA nominal Mp 1500000                             | N/A | N/A | N/A | N/A | N/A  | N/A | N/A |

**12.6 Endocrine disrupting properties**

Not available.

**12.7 Other adverse effects**

No known significant effects or critical hazards.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

**Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

**Hazardous waste** : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.

#### Packaging

**Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

**Special precautions** : This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## SECTION 14: Transport information

|                                 | ADR/RID        | IMDG           | IATA           |
|---------------------------------|----------------|----------------|----------------|
| 14.1 UN number or ID number     | Not regulated. | Not regulated. | Not regulated. |
| 14.2 UN proper shipping name    | -              | -              | -              |
| 14.3 Transport hazard class(es) | -              | -              | -              |
| 14.4 Packing group              | -              | -              | -              |
| 14.5 Environmental hazards      | No.            | No.            | No.            |

### Additional information

**14.6 Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**14.7 Transport in bulk according to IMO instruments** : Not available.

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU Regulation (EC) No. 1907/2006 (REACH)

#### Annex XIV - List of substances subject to authorisation

#### Annex XIV

None of the components are listed.

#### Substances of very high concern

None of the components are listed.



## SECTION 15: Regulatory information

### Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

No listed substance

|              |   |                         |                 |
|--------------|---|-------------------------|-----------------|
| <b>Label</b> | : | PMMA nominal Mp 500     | Not applicable. |
|              |   | PMMA nominal Mp 1000    | Not applicable. |
|              |   | PMMA nominal Mp 2000    | Not applicable. |
|              |   | PMMA nominal Mp 7000    | Not applicable. |
|              |   | PMMA nominal Mp 13000   | Not applicable. |
|              |   | PMMA nominal Mp 30000   | Not applicable. |
|              |   | PMMA nominal Mp 70000   | Not applicable. |
|              |   | PMMA nominal Mp 130000  | Not applicable. |
|              |   | PMMA nominal Mp 300000  | Not applicable. |
|              |   | PMMA nominal Mp 500000  | Not applicable. |
|              |   | PMMA nominal Mp 1000000 | Not applicable. |
|              |   | PMMA nominal Mp 1500000 | Not applicable. |

### Other EU regulations

#### Ozone depleting substances (1005/2009/EU)

Not listed.

#### Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

#### Persistent Organic Pollutants

Not listed.

#### Seveso Directive

This product is not controlled under the Seveso Directive.

### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### Montreal Protocol

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

#### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

### Inventory list

|                                |   |  |
|--------------------------------|---|--|
| <b>Australia</b>               | : | All components are listed or exempted.   |
| <b>Canada</b>                  | : | All components are listed or exempted.   |
| <b>China</b>                   | : | All components are listed or exempted.   |
| <b>Eurasian Economic Union</b> | : | <b>Russian Federation inventory:</b> All components are listed or exempted.  |
| <b>Japan</b>                   | : | <b>Japan inventory (CSCL):</b> All components are listed or exempted.<br><b>Japan inventory (ISHL):</b> All components are listed or exempted. |
| <b>New Zealand</b>             | : | All components are listed or exempted.   |
| <b>Philippines</b>             | : | All components are listed or exempted.   |
| <b>Republic of Korea</b>       | : | All components are listed or exempted.   |
| <b>Taiwan</b>                  | : | All components are listed or exempted.   |
| <b>Thailand</b>                | : | All components are listed or exempted.   |
| <b>Turkey</b>                  | : | All components are listed or exempted.   |

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## SECTION 15: Regulatory information

**United States** : All components are active or exempted.  
**Viet Nam** : All components are listed or exempted.

**15.2 Chemical safety assessment** : This product contains substances for which Chemical Safety Assessments might still be required.

## SECTION 16: Other information

✔ Indicates information that has changed from previously issued version.

**Abbreviations and acronyms** :

- ATE = Acute Toxicity Estimate
- CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
- DMEL = Derived Minimal Effect Level
- DNEL = Derived No Effect Level
- EUH statement = CLP-specific Hazard statement
- N/A = Not available
- PBT = Persistent, Bioaccumulative and Toxic
- PNEC = Predicted No Effect Concentration
- RRN = REACH Registration Number
- vPvB = Very Persistent and Very Bioaccumulative

### Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

| Classification  | Justification |
|-----------------|---------------|
| Not classified. |               |

### Full text of abbreviated H statements

Not applicable.

### Full text of classifications [CLP/GHS]

Not applicable.

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**Version** : 2

### Notice to reader

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