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 9011-14-7

13000

PMMA nominal Mp 9011-14-7

30000

PMMA nominal Mp 9011-14-7

70000

PMMA nominal Mp 9011-14-7

130000

PMMA nominal Mp 9011-14-7

300000

PMMA nominal Mp 9011-14-7

500000

PMMA nominal Mp 9011-14-7

1000000

PMMA nominal Mp 9011-14-7

1500000

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

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

Agilent Technologies LDA UK Ltd.

5500 Lakeside Cheadle Royal Business Park,

Cheadle, Cheshire, SK8 3GR

United Kingdom

Tel: +44 (0) 345 712 5292

e-mail address of person responsible for this SDS

e-mail address of person : 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

Product definition : PMMA nominal

MMA 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 Mono-constituent substance

13000

PMMA nominal Mp Mono-constituent substance

30000

PMMA nominal Mp Mono-constituent substance

70000

PMMA nominal Mp Mono-constituent substance

130000

PMMA nominal Mp Mono-constituent substance

300000

PMMA nominal Mp Mono-constituent substance

500000

PMMA nominal Mp Mono-constituent substance

1000000

PMMA nominal Mp Mono-constituent substance

1500000

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 UK CLP

Regulation SI 2019/720 as amended.

PMMA nominal Mp 1000 The product is not classified as hazardous according to UK CLP

Regulation SI 2019/720 as amended.

PMMA nominal Mp 2000 The product is not classified as hazardous according to UK CLP

Regulation SI 2019/720 as amended.

PMMA nominal Mp 7000 The product is not classified as hazardous according to UK CLP

Regulation SI 2019/720 as amended.

PMMA nominal Mp 13000 The product is not classified as hazardous according to UK CLP

Regulation SI 2019/720 as amended.

PMMA nominal Mp 30000 The product is not classified as hazardous according to UK CLP

Regulation SI 2019/720 as amended.

PMMA nominal Mp 70000 The product is not classified as hazardous according to UK CLP

Regulation SI 2019/720 as amended.

PMMA nominal Mp 130000 The product is not classified as hazardous according to UK CLP

Describition CL 2010/720 as amonded

Regulation SI 2019/720 as amended.

PMMA nominal Mp 300000 The product is not classified as hazardous according to UK CLP

Regulation SI 2019/720 as amended.

PMMA nominal Mp 500000 The product is not classified as hazardous according to UK CLP

Regulation SI 2019/720 as amended.

PMMA nominal Mp 1000000 The product is not classified as hazardous according to UK CLP

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SECTION 2: Hazards identification

PMMA nominal Mp 1500000

Regulation SI 2019/720 as amended.

The product is not classified as hazardous according to UK CLP

Regulation SI 2019/720 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 No signal word.

13000

PMMA nominal Mp No signal word.

30000

PMMA nominal Mp No signal word.

70000

PMMA nominal Mp No signal word.

130000

PMMA nominal Mp No signal word.

300000

PMMA nominal Mp No signal word.

500000

PMMA nominal Mp No signal word.

1000000

PMMA nominal Mp No signal word.

1500000

: PMMA nominal Mp 500 **Hazard statements** 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

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. Not applicable. PMMA nominal Mp

13000

PMMA nominal Mp Not applicable.

30000

PMMA nominal Mp Not applicable.

70000

PMMA nominal Mp Not applicable.

130000

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SECTION 2: Hazards identification

LOTION 2. Hazarus	Identification	
	PMMA nominal Mp 300000	Not applicable.
	PMMA nominal Mp 500000	Not applicable.
	PMMA nominal Mp 1000000	Not applicable.
	PMMA nominal Mp 1500000	Not applicable.
Response :	MMA nominal Mp 500	Not applicable.
Response .	PMMA nominal Mp 1000	Not applicable.
	PMMA nominal Mp 2000	Not applicable.
	PMMA nominal Mp 7000	Not applicable.
	PMMA nominal Mp	Not applicable.
	13000	rtot applicable.
	PMMA nominal Mp	Not applicable.
	30000 PMMA nominal Mp	Not applicable.
	70000	Not applicable
	PMMA nominal Mp 130000	Not applicable.
	PMMA nominal Mp 300000	Not applicable.
	PMMA nominal Mp 500000	Not applicable.
	PMMA nominal Mp	Not applicable.
	1000000	Nia4 au ulta alata
	PMMA nominal Mp 1500000	Not applicable.
Storage :	₱MMA 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.
Disposal :	MMA nominal Mp 500	Not applicable.
Disposui .	PMMA nominal Mp 1000	Not applicable.
	PMMA nominal Mp 2000	Not applicable.
	PMMA nominal Mp 7000	Not applicable.
	PMMA nominal Mp	Not applicable.
	13000	rtot applicable.
	PMMA nominal Mp	Not applicable.
	30000 PMMA nominal Mp	Not applicable.
	70000 PMMA nominal Mp	Not applicable.
	130000	
	PMMA nominal Mp 300000	Not applicable.
	PMMA nominal Mp	Not applicable.

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SECTION 2: Hazards identification

500000 PMMA nominal Mp Not applicable. 1000000 PMMA nominal Mp Not applicable. 1500000 PMMA nominal Mp 500 Supplemental label Not applicable. Not applicable. PMMA nominal Mp 1000 elements 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 Not applicable. PMMA nominal Mp 130000

> PMMA nominal Mp 500000

PMMA nominal Mp

PMMA nominal Mp 1000000

PMMA nominal Mp

1500000

300000

Annex XVII - Restrictions placing on the market dangerous substances,

PMMA nominal Mp 500 Not applicable. PMMA nominal Mp 1000 PMMA nominal Mp 2000 PMMA nominal Mp 7000 PMMA nominal Mp

PMMA nominal Mp

30000

PMMA nominal Mp

70000

PMMA nominal Mp

130000 PMMA nominal Mp

300000

PMMA nominal Mp 500000

PMMA nominal Mp 1000000

PMMA nominal Mp

1500000

Not applicable. Not applicable. Not applicable. Not applicable. 13000

Not applicable.

Not applicable.

Not applicable.

Not applicable.

Not applicable.

Not applicable. Not applicable.

Not applicable.

Not applicable.

Not applicable.

Not applicable.

Special packaging requirements

Containers to be fitted with child-resistant fastenings

on the manufacture,

mixtures and articles

and use of certain

: 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 30000

Not applicable.

PMMA nominal Mp 70000

Not applicable.

PMMA nominal Mp

Not applicable.

130000 PMMA nominal Mp

Not applicable.

300000 PMMA nominal Mp

Not applicable.

500000

Not applicable. PMMA nominal Mp

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1500000

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SECTION 2: Hazards identification

Tactile warning of danger

PMMA nominal Mp Not applicable. 1500000 : 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.

2.3 Other hazards

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

PBT	Р	В	Т	vPvB	vP	vB	
PMMA nominal Mp 500 N/A	N/A	N/A	N/A	N/A	N/A	N/A	
PMMA nominal Mp 1000 No	Yes	No	No	No	No	No	
PMMA nominal Mp 2000 N/A	N/A	N/A	N/A	N/A	N/A	N/A	
PMMA nominal Mp 7000 N/A	N/A	N/A	N/A	N/A	N/A	N/A	
PMMA nominal Mp 13000 N/A	N/A	N/A	N/A	N/A	N/A	N/A	
PMMA nominal Mp 30000 N/A	N/A	N/A	N/A	N/A	N/A	N/A	
PMMA nominal Mp 70000 N/A	N/A	N/A	N/A	N/A	N/A	N/A	
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SECTION 2: Hazards identification

PMMA nominal Mp 130000 N/A	N/A	N/A	N/A	N/A	N/A	N/A
PMMA nominal Mp 300000 N/A	N/A	N/A	N/A	N/A	N/A	N/A
PMMA nominal Mp 500000 N/A	N/A	N/A	N/A	N/A	N/A	N/A
PMMA nominal Mp 1000000 N/A	N/A	N/A	N/A	N/A	N/A	N/A
PMMA nominal Mp 1500000 N/A	N/A	N/A	N/A	N/A	N/A	N/A

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 May form combustible dust concentrations in air. 13000 PMMA nominal Mp May form combustible dust concentrations in air. 30000 PMMA nominal Mp May form combustible dust concentrations in air. 70000 PMMA nominal Mp May form combustible dust concentrations in air. 130000 PMMA nominal Mp May form combustible dust concentrations in air. 300000 PMMA nominal Mp May form combustible dust concentrations in air. 500000 PMMA nominal Mp May form combustible dust concentrations in air. 1000000 PMMA nominal Mp May form combustible dust concentrations in air. 1500000

SECTION 3: Composition/information on ingredients

3.1 Substances

MMA 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

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SECTION 3: Composition/information on ingredients

Product/ingredient name	Identifiers	%	Classification	Type
PMMA nominal Mp 500 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	CAS: 9011-14-7	100	Not classified.	[1]
PMMA nominal Mp 1000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	CAS: 9011-14-7	100	Not classified.	[1]
PMMA nominal Mp 2000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	CAS: 9011-14-7	100	Not classified.	[1]
PMMA nominal Mp 7000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	CAS: 9011-14-7	100	Not classified.	[1]
PMMA nominal Mp 13000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	CAS: 9011-14-7	100	Not classified.	[1]
PMMA nominal Mp 30000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	CAS: 9011-14-7	100	Not classified.	[1]
PMMA nominal Mp 70000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	CAS: 9011-14-7	100	Not classified.	[1]
PMMA nominal Mp 130000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	CAS: 9011-14-7	100	Not classified.	[1]
PMMA nominal Mp 300000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	CAS: 9011-14-7	100	Not classified.	[1]
PMMA nominal Mp 500000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	CAS: 9011-14-7	100	Not classified.	[1]
PMMA nominal Mp 1000000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	CAS: 9011-14-7	100	Not classified.	[1]
PMMA nominal Mp 1500000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	CAS: 9011-14-7	100	Not classified.	[1]
			See Section 16 for the full text of the H statements declared above.	

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.

<u>Type</u>

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SECTION 3: Composition/information on ingredients

ı		
	MMA 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 availab	le, are listed in Section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact

: PMMA nominal Mp 500

PMMA nominal Mp 1000

PMMA nominal Mp 2000

PMMA nominal Mp 7000

13000

PMMA nominal Mp

PMMA nominal Mp

PMMA nominal Mp

PMMA nominal Mp

PMMA nominal Mp 1000000

1500000

: PMMA nominal Mp 500

PMMA nominal Mp 1000

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms

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. 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.

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. 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. 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. 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.

Immediately flush eyes with plenty of water, occasionally

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. 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. Immediately flush eyes with plenty of water, occasionally

lifting the upper and lower eyelids. Check for and remove

Immediately flush eyes with plenty of water, occasionally

Immediately flush eyes with plenty of water, occasionally

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms

lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

any contact lenses. Get medical attention if irritation occurs.

lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

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

PMMA nominal Mp

PMMA nominal Mp

30000

70000

130000

300000

500000

PMMA nominal Mp

Inhalation

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occur.

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SECTION 4: First aid measures

Skin contact

		occur.
	PMMA nominal Mp	Remove victim to fresh air and keep at rest in a position
	13000	comfortable for breathing. Get medical attention if symptoms occur.
	PMMA nominal Mp	Remove victim to fresh air and keep at rest in a position
	30000	comfortable for breathing. Get medical attention if symptoms occur.
	PMMA nominal Mp	Remove victim to fresh air and keep at rest in a position
	70000	comfortable for breathing. Get medical attention if symptoms occur.
	PMMA nominal Mp	Remove victim to fresh air and keep at rest in a position
	130000	comfortable for breathing. Get medical attention if symptoms occur.
	PMMA nominal Mp	Remove victim to fresh air and keep at rest in a position
	300000	comfortable for breathing. Get medical attention if symptoms occur.
	PMMA nominal Mp	Remove victim to fresh air and keep at rest in a position
	500000	comfortable for breathing. Get medical attention if symptoms occur.
	PMMA nominal Mp	Remove victim to fresh air and keep at rest in a position
	1000000	comfortable for breathing. Get medical attention if symptoms
		occur.
	PMMA nominal Mp	Remove victim to fresh air and keep at rest in a position
	1500000	comfortable for breathing. Get medical attention if symptoms occur.
:	MMA 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
	PMMA nominal Mp 2000	symptoms occur. Flush contaminated skin with plenty of water. Remove
	1 WWW CHOMMEN WIP 2000	contaminated clothing and shoes. Get medical attention if
	PMMA nominal Mp 7000	symptoms occur. Flush contaminated skin with plenty of water. Remove
	T William Crieffinian Mp 7 000	contaminated clothing and shoes. Get medical attention if
		symptoms occur.
	PMMA nominal Mp	Flush contaminated skin with plenty of water. Remove
	13000	contaminated clothing and shoes. Get medical attention if
	PMMA nominal Mp	symptoms occur. Flush contaminated skin with plenty of water. Remove
	30000	contaminated clothing and shoes. Get medical attention if
		symptoms occur.
	PMMA nominal Mp	Flush contaminated skin with plenty of water. Remove
	70000	contaminated clothing and shoes. Get medical attention if
	DMMAA ai a l Ma	symptoms occur.
	PMMA nominal Mp 130000	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if
	130000	symptoms occur.
	PMMA nominal Mp	Flush contaminated skin with plenty of water. Remove
	300000	contaminated clothing and shoes. Get medical attention if
		symptoms occur.
	PMMA nominal Mp	Flush contaminated skin with plenty of water. Remove
	500000	contaminated clothing and shoes. Get medical attention if
	PMMA nominal Mp	symptoms occur. Flush contaminated skin with plenty of water. Remove
	1000000	contaminated skill with plenty of water. Remove
		symptoms occur.
	PMMA nominal Mp	Flush contaminated skin with plenty of water. Remove
	1500000	contaminated clothing and shoes. Get medical attention if
		symptoms occur.

comfortable for breathing. Get medical attention if symptoms

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SECTION 4: First aid measures

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In	aes		۱n
ш	4 5 3	uv	,,,

: 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

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.

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SECTION 4: First aid measures

Protection of first-aiders : 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.

No action shall be taken involving any personal risk or without PMMA nominal Mp

13000 suitable training.

PMMA nominal Mp No action shall be taken involving any personal risk or without

30000 suitable training.

PMMA nominal Mp No action shall be taken involving any personal risk or without

70000 suitable training.

PMMA nominal Mp No action shall be taken involving any personal risk or without

130000 suitable training.

No action shall be taken involving any personal risk or without PMMA nominal Mp

300000 suitable training.

PMMA nominal Mp No action shall be taken involving any personal risk or without

suitable training. 500000

PMMA nominal Mp No action shall be taken involving any personal risk or without

1000000 suitable training.

PMMA nominal Mp No action shall be taken involving any personal risk or without

1500000 suitable training.

4.2 Most important symptoms and effects, both acute and delayed

Over-exposure signs/symptoms

: PMMA nominal Mp 500 **Eye contact** Adverse symptoms may include the following:

> irritation redness

PMMA nominal Mp 1000 Adverse symptoms may include the following:

> irritation redness

PMMA nominal Mp 2000 Adverse symptoms may include the following:

> irritation redness

Adverse symptoms may include the following: PMMA nominal Mp 7000

> irritation redness

PMMA nominal Mp

13000

Adverse symptoms may include the following:

irritation redness

PMMA nominal Mp

Adverse symptoms may include the following:

irritation

redness

PMMA nominal Mp

70000

30000

Adverse symptoms may include the following:

irritation

redness

PMMA nominal Mp

130000

Adverse symptoms may include the following:

irritation redness

PMMA nominal Mp

300000

Adverse symptoms may include the following:

irritation redness

PMMA nominal Mp

500000

Adverse symptoms may include the following:

irritation

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SECTION 4: First aid measures

Inhalation

redness

PMMA nominal Mp

1000000

Adverse symptoms may include the following:

irritation

redness

PMMA nominal Mp

1500000

Adverse symptoms may include the following:

irritation

redness

: ₱MMA nominal Mp 500 Adverse symptoms may include the following:

respiratory tract irritation

coughing

PMMA nominal Mp 1000 Adverse symptoms may include the following:

respiratory tract irritation

coughing

PMMA nominal Mp 2000 Adverse symptoms may include the following:

respiratory tract irritation

coughing

PMMA nominal Mp 7000 Adverse symptoms may include the following:

respiratory tract irritation

coughing

PMMA nominal Mp

13000

Adverse symptoms may include the following:

respiratory tract irritation

coughing

PMMA nominal Mp

30000

Adverse symptoms may include the following:

respiratory tract irritation coughing

PMMA nominal Mp

70000

Adverse symptoms may include the following:

respiratory tract irritation

coughing

PMMA nominal Mp

130000

Adverse symptoms may include the following:

respiratory tract irritation

coughing

PMMA nominal Mp

300000

Adverse symptoms may include the following:

respiratory tract irritation

coughing

PMMA nominal Mp

500000

Adverse symptoms may include the following:

respiratory tract irritation

coughing

PMMA nominal Mp

1000000

Adverse symptoms may include the following:

respiratory tract irritation

couahina

PMMA nominal Mp

1500000

Adverse symptoms may include the following:

respiratory tract irritation coughing

cougning

Skin contact : MMA 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 No specific data.

13000

PMMA nominal Mp

30000

No specific data.

PMMA nominal Mp

ıl Mp No specific data.

70000

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PMMA nominal Mp No specific data.

130000

PMMA nominal Mp No specific data.

300000

PMMA nominal Mp

500000

PMMA nominal Mp

1000000

PMMA nominal Mp

No specific data.

No specific data.

1500000

: PMMA nominal Mp 500 PMMA nominal Mp 1000 PMMA nominal Mp 2000 PMMA nominal Mp 7000

PMMA nominal Mp No specific data.

13000

PMMA nominal Mp

30000

PMMA nominal Mp 70000

PMMA nominal Mp

130000

PMMA nominal Mp

300000

PMMA nominal Mp

500000

PMMA nominal Mp

1000000

PMMA nominal Mp

1500000

No specific data.

No specific data.

No specific data. No specific data. No specific data.

No specific data.

No specific data.

No specific data.

No specific data.

No specific data.

No specific data.

No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician

Ingestion

: PMMA nominal Mp 500

PMMA nominal Mp 1000

PMMA nominal Mp 2000

PMMA nominal Mp 7000

PMMA nominal Mp 13000

PMMA nominal Mp

30000

PMMA nominal Mp

70000

PMMA nominal Mp

130000

PMMA nominal Mp

300000

PMMA nominal Mp

500000

PMMA nominal Mp

1000000

PMMA nominal Mp

1500000

immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Treat symptomatically. Contact poison treatment specialist

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SECTION 4: First aid measures

Specific treatments

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 No specific treatment.

13000

PMMA nominal Mp No specific treatment.

30000

PMMA nominal Mp No specific treatment.

70000

PMMA nominal Mp No specific treatment.

130000

No specific treatment. PMMA nominal Mp

300000

PMMA nominal Mp No specific treatment.

500000

PMMA nominal Mp No specific treatment.

1000000

PMMA nominal Mp No specific treatment.

1500000

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

: PMMA nominal Mp 500 Use dry chemical powder. PMMA nominal Mp 1000 Use dry chemical powder. Use dry chemical powder. PMMA nominal Mp 2000 PMMA nominal Mp 7000 Use dry chemical powder. PMMA nominal Mp Use dry chemical powder.

13000

PMMA nominal Mp Use dry chemical powder.

30000

PMMA nominal Mp Use dry chemical powder.

70000

PMMA nominal Mp

130000

PMMA nominal Mp Use dry chemical powder.

300000

PMMA nominal Mp

PMMA nominal Mp 7000

500000 Use dry chemical powder.

PMMA nominal Mp

1000000

1500000

PMMA nominal Mp Use dry chemical powder.

Unsuitable extinguishing: PMMA nominal Mp 500 media

Avoid high pressure media which could cause the formation

Use dry chemical powder.

Use dry chemical powder.

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. Avoid high pressure media which could cause the formation

of a potentially explosible dust-air mixture.

PMMA nominal Mp Avoid high pressure media which could cause the formation

13000 of a potentially explosible dust-air mixture.

PMMA nominal Mp Avoid high pressure media which could cause the formation

of a potentially explosible dust-air mixture. 30000 PMMA nominal Mp Avoid high pressure media which could cause the formation

70000 of a potentially explosible dust-air mixture.

PMMA nominal Mp Avoid high pressure media which could cause the formation

of a potentially explosible dust-air mixture. 130000

PMMA nominal Mp Avoid high pressure media which could cause the formation

of a potentially explosible dust-air mixture. 300000

PMMA nominal Mp Avoid high pressure media which could cause the formation

500000 of a potentially explosible dust-air mixture.

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SECTION 5: Firefighting measures

Avoid high pressure media which could cause the formation PMMA nominal Mp

1000000 of a potentially explosible dust-air mixture.

PMMA nominal Mp Avoid high pressure media which could cause the formation 1500000 of a potentially explosible dust-air mixture.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture : 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 May form explosible dust-air mixture if dispersed.

13000

PMMA nominal Mp May form explosible dust-air mixture if dispersed.

30000 May form explosible dust-air mixture if dispersed. PMMA nominal Mp

70000 PMMA nominal Mp May form explosible dust-air mixture if dispersed.

130000 PMMA nominal Mp May form explosible dust-air mixture if dispersed.

300000 PMMA nominal Mp May form explosible dust-air mixture if dispersed.

500000 PMMA nominal Mp May form explosible dust-air mixture if dispersed.

1000000

PMMA nominal Mp May form explosible dust-air mixture if dispersed. 1500000

Hazardous combustion products

: PMMA nominal Mp 500 Decomposition products may include the following materials:

> carbon dioxide carbon monoxide

Decomposition products may include the following materials: PMMA nominal Mp 1000

carbon dioxide carbon monoxide

PMMA nominal Mp 2000 Decomposition products may include the following materials:

> carbon dioxide carbon monoxide

PMMA nominal Mp 7000 Decomposition products may include the following materials:

> carbon dioxide carbon monoxide

PMMA nominal Mp

Decomposition products may include the following materials: 13000

carbon dioxide

carbon monoxide PMMA nominal Mp

30000

Decomposition products may include the following materials:

carbon dioxide carbon monoxide

PMMA nominal Mp Decomposition products may include the following materials:

70000 carbon dioxide

carbon monoxide

PMMA nominal Mp 130000

Decomposition products may include the following materials:

carbon dioxide carbon monoxide

PMMA nominal Mp 300000

Decomposition products may include the following materials:

carbon dioxide carbon monoxide

PMMA nominal Mp 500000

Decomposition products may include the following materials:

carbon dioxide

carbon monoxide

PMMA nominal Mp Decomposition products may include the following materials:

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SECTION 5: Firefighting measures

1000000

carbon dioxide carbon monoxide

PMMA nominal Mp 1500000

Decomposition products may include the following materials:

carbon dioxide carbon monoxide

5.3 Advice for firefighters **Special protective** actions for fire-fighters

: 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

PMMA nominal Mp 2000

risk. Use water spray to keep fire-exposed containers cool. 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.

PMMA nominal Mp 13000

Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. 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

PMMA nominal Mp 30000

risk. Use water spray to keep fire-exposed containers cool. 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

PMMA nominal Mp 130000

risk. Use water spray to keep fire-exposed containers cool. 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

PMMA nominal Mp 300000

risk. Use water spray to keep fire-exposed containers cool. 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. 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

PMMA nominal Mp 1000000

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SECTION 5: Firefighting measures

PMMA nominal Mp 1500000

risk. Use water spray to keep fire-exposed containers cool. 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.

Special protective equipment for firefighters

: 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.

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.

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.

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.

PMMA nominal Mp 13000

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full

PMMA nominal Mp

30000

face-piece operated in positive pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full

face-piece operated in positive pressure mode.

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.

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.

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.

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.

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.

PMMA nominal Mp

1500000

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full

face-piece operated in positive pressure mode.

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

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SECTION 6: Accidental release measures

sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Put on appropriate personal protective equipment.

PMMA nominal Mp 7000 No action

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. 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

not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid

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SECTION 6: Accidental release measures

For emergency	
responders	

: PMMA nominal Mp 500

breathing dust. Put on appropriate personal protective equipment.

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".

If specialised clothing is required to deal with the spillage, PMMA nominal Mp 1000

take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-

emergency personnel".

If specialised clothing is required to deal with the spillage, PMMA nominal Mp 2000

> 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".

PMMA nominal Mp

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

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

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 nonemergency personnel".

PMMA nominal Mp

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).

Avoid dispersal of spilt material and runoff and contact with PMMA nominal Mp 2000 soil, waterways, drains and sewers. Inform the relevant

authorities if the product has caused environmental pollution

(sewers, waterways, soil or air).

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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

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

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

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

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

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

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

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

1500000

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).

6.3 Methods and material for containment and cleaning up

Methods for cleaning up: 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 Move containers from spill area. Use spark-proof tools and

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SECTION 6: Accidental release measures

70000 explosion-proof equipment. Vacuum or sweep up material

and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.

Move containers from spill area. Use spark-proof tools and PMMA nominal Mp explosion-proof equipment. Vacuum or sweep up material 130000

> and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.

Move containers from spill area. Use spark-proof tools and PMMA nominal Mp

explosion-proof equipment. Vacuum or sweep up material 300000

and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.

PMMA nominal Mp Move containers from spill area. Use spark-proof tools and 500000

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 Move containers from spill area. Use spark-proof tools and

1000000 explosion-proof equipment. Vacuum or sweep up material

and place in a designated, labelled waste container.

Dispose of via a licensed waste disposal contractor. Move containers from spill area. Use spark-proof tools and PMMA nominal Mp

> 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

: PMMA nominal Mp 500 **Protective measures**

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.

PMMA nominal Mp 1000

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 2000

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

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SECTION 7: Handling and storage

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 7000

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 13000 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 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 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 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

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SECTION 7: Handling and storage

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 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 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 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.

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Advice on general occupational hygiene

: 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 protective equipment before entering eating areas. See also Section 8

for additional information on hygiene measures.

PMMA nominal Mp

70000

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

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

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

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

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

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PMMA nominal Mp 1500000 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.

7.2 Conditions for safe storage, including any incompatibilities

Storage

: 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 incompatible materials before handling or use.

PMMA nominal Mp 2000

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 7000

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 13000

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.

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SECTION 7: Handling and storage

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 30000

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 70000

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 130000

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 300000

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

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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 wellventilated 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 wellventilated 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) Recommendations

: PMMA nominal Mp 500 PMMA nominal Mp 1000

PMMA nominal Mp 2000 PMMA nominal Mp 7000 PMMA nominal Mp

13000

PMMA nominal Mp

30000

PMMA nominal Mp

70000

PMMA nominal Mp

130000

PMMA nominal Mp

300000

PMMA nominal Mp

500000

PMMA nominal Mp

1000000

PMMA nominal Mp

1500000

Industrial applications, Professional applications. Industrial applications, Professional applications. Industrial applications, Professional applications. Industrial applications, Professional applications.

Industrial applications, Professional applications.

Industrial applications, Professional applications.

Industrial applications, Professional applications.

Industrial applications, Professional applications.

Industrial applications, Professional applications.

Industrial applications, Professional applications.

Industrial applications, Professional applications.

Industrial applications, Professional applications.

Industrial sector specific solutions

: PMMA nominal Mp 500 PMMA nominal Mp 1000 PMMA nominal Mp 2000 PMMA nominal Mp 7000

PMMA nominal Mp 13000

PMMA nominal Mp 30000

PMMA nominal Mp

70000 PMMA nominal Mp 130000

PMMA nominal Mp

Not available. Not available. Not available. Not available.

Not available.

Not available.

Not available.

Not available.

Not available.

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Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II - United Kingdom (UK)

EasiVial PM kit 4 ml, Part Number PL2020-0200

SECTION 7: Handling and storage

300000

PMMA nominal Mp

Not available.

500000

PMMA nominal Mp

1000000

Not available.

PMMA nominal Mp

Mp Not available.

SECTION 8: Exposure controls/personal protection

1500000

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 appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

No DNELs/DMELs available.

PNECs

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 sideshields.

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.

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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**

: PMMA nominal Mp 500 Solid. [Powder.] **Physical state**

> PMMA nominal Mp 1000 Solid. [Powder.] Solid. [Powder.] PMMA nominal Mp 2000 PMMA nominal Mp 7000 Solid. [Powder.]

PMMA nominal Mp 13000

Solid. [Powder.] PMMA nominal Mp

Solid. [Powder.]

30000

Solid. [Powder.] PMMA nominal Mp

70000

Solid. [Powder.] PMMA nominal Mp

130000

PMMA nominal Mp Solid. [Powder.]

300000

Solid. [Powder.] PMMA nominal Mp

500000

PMMA nominal Mp Solid. [Powder.]

1000000

PMMA nominal Mp Solid. [Powder.]

1500000

Colour : MMA nominal Mp 500 White.

> PMMA nominal Mp 1000 White. PMMA nominal Mp 2000 White. PMMA nominal Mp 7000 White. PMMA nominal Mp White.

13000

White. PMMA nominal Mp

30000

PMMA nominal Mp White.

70000

PMMA nominal Mp White.

130000

PMMA nominal Mp White.

300000

PMMA nominal Mp White.

500000

White. PMMA nominal Mp

1000000

PMMA nominal Mp White.

1500000

Odour : 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

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		PMMA nominal Mp 1500000	Not available.
Odour threshold	:	MMA 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	Nist sysilable
		PMMA nominal Mp 70000 PMMA nominal Mp	Not available.
		130000	NUL avallable.
		PMMA nominal Mp 300000	Not available.
		PMMA nominal Mp 500000	Not available.
		PMMA nominal Mp 1000000	Not available.
		PMMA nominal Mp 1500000	Not available.
Melting point/freezing	:	MMA nominal Mp 500	>150°C
point		PMMA nominal Mp 1000	>150°C
		PMMA nominal Mp 2000	>150°C
		PMMA nominal Mp 7000	>150°C
		PMMA nominal Mp	>150°C
		13000 PMMA nominal Mp	>150°C
		30000 PMMA nominal Mp	>150°C
		70000 PMMA nominal Mp	>150°C
		130000 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	:	MMA nominal Mp 500	Not available.
boiling range		PMMA nominal Mp 1000	Not available.
3 3 3		PMMA nominal Mp 2000	Not available.
		PMMA nominal Mp 7000	Not available.
		PMMA nominal Mp 13000	Not available.
		PMMA nominal Mp	Not available.
		30000 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.

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SECTION 9: Physical and chemical properties

Flammability	· :	P MMA	nominal M	p 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

Not available. PMMA nominal Mp

130000

Not available. PMMA nominal Mp

300000

Not available. PMMA nominal Mp

500000

Not available. PMMA nominal Mp

1000000

PMMA nominal Mp Not available.

1500000

Upper/lower flammability or explosive limits

MMA 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

130000

PMMA nominal Mp Not applicable.

Not applicable.

300000

PMMA nominal Mp Not applicable.

500000

PMMA nominal Mp Not applicable.

1000000

PMMA nominal Mp Not applicable.

1500000

Flash point 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 Closed cup: >250°C

PMMA nominal Mp

13000 Closed cup: >250°C PMMA nominal Mp

30000 Closed cup: >250°C

PMMA nominal Mp 70000

PMMA nominal Mp Closed cup: >250°C

130000

PMMA nominal Mp Closed cup: >250°C

300000

PMMA nominal Mp Closed cup: >250°C

500000

PMMA nominal Mp Closed cup: >250°C

1000000

PMMA nominal Mp Closed cup: >250°C

1500000

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SECTION 9: Physical and chemical properties

Auto-i	igni	ition
tempe	erat	ure

: 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

30000

Not applicable. PMMA nominal Mp

Not applicable.

70000

Not applicable. PMMA nominal Mp

130000

PMMA nominal Mp Not applicable.

300000

Not applicable. PMMA nominal Mp

500000

Not applicable. PMMA nominal Mp

1000000

PMMA nominal Mp Not applicable.

1500000

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 Not available.

13000

Not available. PMMA nominal Mp

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

MMA nominal Mp 500 Not available. PMMA nominal Mp 1000 Not available. PMMA nominal Mp 2000 Not available. PMMA nominal Mp 7000 Not available. Not available.

PMMA nominal Mp

13000 Not available.

PMMA nominal Mp

30000

PMMA nominal Mp

Not available. 70000

PMMA nominal Mp

130000

PMMA nominal Mp

300000 Not available.

PMMA nominal Mp

500000 PMMA nominal Mp Not available.

1000000

PMMA nominal Mp Not available.

1500000

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Not available.

Not available.

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SECTION 9: Physical and chemical properties

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: 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 Not applicable. PMMA nominal Mp 130000 Not applicable. PMMA nominal Mp 300000 PMMA nominal Mp Not applicable. 500000 PMMA nominal Mp Not applicable. 1000000 PMMA nominal Mp Not applicable.

Solubility(ies)

Media	Result
PMMA nominal Mp 500	
water	Insoluble
PMMA nominal Mp 1000	
water	Insoluble
PMMA nominal Mp 2000	
water	Insoluble
PMMA nominal Mp 7000	
water	Insoluble
PMMA nominal Mp 13000	
water	Insoluble
PMMA nominal Mp 30000	
water	Insoluble
PMMA nominal Mp 70000	La contrat to
water	Insoluble
PMMA nominal Mp 130000 water	Incolubio
PMMA nominal Mp 300000	Insoluble
water	Insoluble
PMMA nominal Mp 500000	Insoluble
water	Insoluble
PMMA nominal Mp 1000000	Insolubic
water	Insoluble
PMMA nominal Mp 1500000	
water	Insoluble

Partition coefficient: n-octanol/water

MMA 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	Not applicable.
13000	посаррноаме.
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.

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1000000

PMMA nominal Mp Not applicable.

1500000

Vapour pressure : Not available.

Evaporation rate : PMMA nominal Mp 500 Not available. Not available. PMMA nominal Mp 1000 PMMA nominal Mp 2000 Not available. PMMA nominal Mp 7000 Not available.

PMMA nominal Mp

13000

PMMA nominal Mp Not available.

30000

PMMA nominal Mp

70000

PMMA nominal Mp

130000

PMMA nominal Mp

300000

PMMA nominal Mp

500000

PMMA nominal Mp

1000000

PMMA nominal Mp

1500000

Relative density 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

Not available. PMMA nominal Mp

300000

PMMA nominal Mp Not available.

500000

PMMA nominal Mp Not available.

1000000

PMMA nominal Mp Not available.

1500000

Vapour density : PMMA nominal Mp 500 Not applicable.

PMMA nominal Mp 1000 Not applicable. Not applicable. PMMA nominal Mp 2000 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 130000

PMMA nominal Mp Not applicable.

300000

PMMA nominal Mp Not applicable.

500000

PMMA nominal Mp Not applicable.

1000000

Not applicable. PMMA nominal Mp

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Not applicable.

SECTION 9: Physical and chemical properties

1500000

Explosive properties

: 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

30000

PMMA nominal Mp

70000

PMMA nominal Mp

130000

PMMA nominal Mp

300000

PMMA nominal Mp

500000

PMMA nominal Mp 1000000

PMMA nominal Mp

1500000

Not available.

Oxidising properties

: 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

30000

PMMA nominal Mp

70000

PMMA nominal Mp

130000

PMMA nominal Mp

300000

PMMA nominal Mp

500000

PMMA nominal Mp

1000000

PMMA nominal Mp

1500000

Not available.

Not available.

Particle characteristics Median particle size

: 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 Not available.

PMMA nominal Mp

30000

PMMA nominal Mp

70000

PMMA nominal Mp

130000

PMMA nominal Mp

300000

PMMA nominal Mp

500000

PMMA nominal Mp

1000000

PMMA nominal Mp

1500000

Not available.

Not available.

Not available.

Not available.

Not available.

Not available.

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SECTION 9: Physical and chemical properties

9.2 Other information

No additional information.

SECTION 10: Stability and reactivity

40	- 4	Re		.4:.	-:4-
70	- 1	Re	710	:TI\	/ITV

: 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

No specific test data related to reactivity available for this

product or its ingredients.

PMMA nominal Mp

13000

30000

70000

No specific test data related to reactivity available for this

product or its ingredients.

PMMA nominal Mp

No specific test data related to reactivity available for this

product or its ingredients.

PMMA nominal Mp

No specific test data related to reactivity available for this

product or its ingredients.

130000 PMMA nominal Mp

No specific test data related to reactivity available for this

product or its ingredients.

300000 PMMA nominal Mp

No specific test data related to reactivity available for this

product or its ingredients.

500000 PMMA nominal Mp

1000000

1500000

No specific test data related to reactivity available for this

product or its ingredients.

PMMA nominal Mp

No specific test data related to reactivity available for this

product or its ingredients.

10.2 Chemical stability

10.3 Possibility of

hazardous reactions

: PMMA nominal Mp 500 PMMA nominal Mp 1000 The product is stable.

PMMA nominal Mp 2000

The product is stable. The product is stable.

PMMA nominal Mp 7000 PMMA nominal Mp

The product is stable. The product is stable.

13000

The product is stable.

PMMA nominal Mp 30000

PMMA nominal Mp

The product is stable.

70000

PMMA nominal Mp The product is stable.

130000 PMMA nominal Mp

The product is stable.

300000

PMMA nominal Mp

The product is stable.

500000

The product is stable.

PMMA nominal Mp 1000000

PMMA nominal Mp

The product is stable.

1500000

: 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

Under normal conditions of storage and use, hazardous

13000

reactions will not occur.

PMMA nominal Mp

Under normal conditions of storage and use, hazardous

30000

reactions will not occur.

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PMMA nominal Mp

PMMA nominal Mp

PMMA nominal Mp

300000

30000

70000

EasiVial PM kit 4 ml, Part Number PL2020-0200

PMMA nominal Mp Under normal conditions of storage and use, hazardous 70000 reactions will not occur. PMMA nominal Mp Under normal conditions of storage and use, hazardous

130000 reactions will not occur.

PMMA nominal Mp Under normal conditions of storage and use, hazardous

300000 reactions will not occur.

PMMA nominal Mp Under normal conditions of storage and use, hazardous

500000 reactions will not occur.

PMMA nominal Mp Under normal conditions of storage and use, hazardous

1000000 reactions will not occur.

PMMA nominal Mp Under normal conditions of storage and use, hazardous

1500000 reactions will not occur.

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.

Avoid the creation of dust when handling and avoid all PMMA nominal Mp 2000

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.

Avoid the creation of dust when handling and avoid all PMMA nominal Mp 7000

> 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.

Avoid the creation of dust when handling and avoid all PMMA nominal Mp 13000 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.

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.

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. Avoid the creation of dust when handling and avoid all

PMMA nominal Mp 130000 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. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take

SECTION 10: Stability and reactivity

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10.5 Incompatible

materials

SECTION 10: Stability and reactivity

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. Avoid the creation of dust when handling and avoid all PMMA nominal Mp 500000 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 Avoid the creation of dust when handling and avoid all 1000000 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. Avoid the creation of dust when handling and avoid all PMMA nominal Mp 1500000 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 500 Reactive or incompatible with the following materials: oxidising materials PMMA nominal Mp 1000 Reactive or incompatible with the following materials: oxidising materials Reactive or incompatible with the following materials: PMMA nominal Mp 2000 oxidising materials Reactive or incompatible with the following materials: PMMA nominal Mp 7000 oxidising materials PMMA nominal Mp Reactive or incompatible with the following materials: 13000 oxidising materials PMMA nominal Mp Reactive or incompatible with the following materials: 30000 oxidising materials PMMA nominal Mp Reactive or incompatible with the following materials: 70000 oxidising materials PMMA nominal Mp Reactive or incompatible with the following materials: 130000

oxidising materials

PMMA nominal Mp Reactive or incompatible with the following materials: 300000

oxidising materials PMMA nominal Mp Reactive or incompatible with the following materials:

500000 oxidising materials

PMMA nominal Mp Reactive or incompatible with the following materials: 1000000

PMMA nominal Mp Reactive or incompatible with the following materials: 1500000

oxidising materials

oxidising materials

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SECTION 10: Stability and reactivity

10.6 Hazardous decomposition products : PMMA nominal Mp 500

PMMA nominal Mp 1000

PMMA nominal Mp 2000

PMMA nominal Mp 7000

PMMA nominal Mp

13000

PMMA nominal Mp

30000

PMMA nominal Mp

70000

PMMA nominal Mp

130000

PMMA nominal Mp

300000

PMMA nominal Mp 500000

PMMA nominal Mp 1000000

PMMA nominal Mp

1500000

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Under normal conditions of storage and use, hazardous

decomposition products should not be produced. Under normal conditions of storage and use, hazardous

decomposition products should not be produced.

Under normal conditions of storage and use, hazardous

decomposition products should not be produced.

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Under normal conditions of storage and use, hazardous

decomposition products should not be produced.

Under normal conditions of storage and use, hazardous

decomposition products should not be produced.

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Under normal conditions of storage and use, hazardous

decomposition products should not be produced.

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Under normal conditions of storage and use, hazardous

decomposition products should not be produced. Under normal conditions of storage and use, hazardous

decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute toxicity estimates

N/A

Irritation/Corrosion

Conclusion/Summary : Not available.

Sensitiser

: Not available. Conclusion/Summary

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

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SECTION 11: Toxicological information

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 Not available.

13000

PMMA nominal Mp

30000

PMMA nominal Mp

70000

PMMA nominal Mp

130000

PMMA nominal Mp

300000

PMMA nominal Mp

500000

PMMA nominal Mp

1000000

PMMA nominal Mp

1500000

30000

70000

Not available.

Potential acute health effects

Inhalation

: 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.

Exposure to airborne concentrations above statutory or PMMA nominal Mp 2000

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.

Exposure to airborne concentrations above statutory or PMMA nominal Mp 13000

recommended exposure limits may cause irritation of the

nose, throat and lungs.

PMMA nominal Mp Exposure to airborne concentrations above statutory or

recommended exposure limits may cause irritation of the

nose, throat and lungs.

Exposure to airborne concentrations above statutory or PMMA nominal Mp

recommended exposure limits may cause irritation of the

nose, throat and lungs.

PMMA nominal Mp Exposure to airborne concentrations above statutory or 130000

recommended exposure limits may cause irritation of the

nose, throat and lungs.

Exposure to airborne concentrations above statutory or PMMA nominal Mp 300000

recommended exposure limits may cause irritation of the

nose, throat and lungs.

PMMA nominal Mp Exposure to airborne concentrations above statutory or 500000

recommended exposure limits may cause irritation of the

nose, throat and lungs.

PMMA nominal Mp Exposure to airborne concentrations above statutory or 1000000

recommended exposure limits may cause irritation of the

nose, throat and lungs.

PMMA nominal Mp Exposure to airborne concentrations above statutory or 1500000

recommended exposure limits may cause irritation of the

nose, throat and lungs.

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SECTION 11: Toxicological information

SECTION 11: Toxicol	ogicai information	
Ingestion :	MMA nominal Mp 500 PMMA nominal Mp 1000	No known significant effects or critical hazards. 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.
Skin contact :	MMA 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 PMMA nominal Mp	No known significant effects or critical hazards.
	300000 PMMA nominal Mp	No known significant effects or critical hazards. 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.
Eye contact :	1500000 MMA nominal Mp 500	Exposure to airborne concentrations above statutory or
Lye contact .	WINIA HOTHINAL MIP 300	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
	PMMA nominal Mp 30000	eyes. Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the
	PMMA nominal Mp 70000	eyes. 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.

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SECTION 11: Toxicological information

PMMA nominal Mp Exposure to airborne concentrations above statutory or

300000 recommended exposure limits may cause irritation of the

eyes.

PMMA nominal Mp Exposure to airborne concentrations above statutory or

500000 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

eves

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

Inhalation

: PMMA nominal Mp 500

Adverse symptoms may include the following:

respiratory tract irritation

coughing

PMMA nominal Mp 1000 Adverse symptoms may include the following:

respiratory tract irritation

coughing

PMMA nominal Mp 2000 Adverse symptoms may include the following:

respiratory tract irritation

coughing

PMMA nominal Mp 7000 Adverse symptoms may include the following:

respiratory tract irritation

coughing

PMMA nominal Mp

13000

Adverse symptoms may include the following:

respiratory tract irritation

coughing

PMMA nominal Mp

30000

Adverse symptoms may include the following:

respiratory tract irritation

coughing

PMMA nominal Mp

70000

Adverse symptoms may include the following:

respiratory tract irritation

coughing

PMMA nominal Mp

130000

Adverse symptoms may include the following:

respiratory tract irritation

coughing

PMMA nominal Mp

300000

Adverse symptoms may include the following:

respiratory tract irritation

coughing

PMMA nominal Mp

500000

Adverse symptoms may include the following:

respiratory tract irritation

coughing

PMMA nominal Mp

1000000

Adverse symptoms may include the following:

respiratory tract irritation

coughing

PMMA nominal Mp

1500000

Adverse symptoms may include the following:

respiratory tract irritation

coughing

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SECTION 11: Toxicological information

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 No specific data. 13000 PMMA nominal Mp No specific data. 30000 PMMA nominal Mp No specific data. 70000 PMMA nominal Mp No specific data. 130000 PMMA nominal Mp No specific data. 300000 PMMA nominal Mp No specific data. 500000 PMMA nominal Mp No specific data. 1000000 PMMA nominal Mp No specific data. 1500000 Skin contact : PMMA nominal Mp 500 No specific data. No specific data. PMMA nominal Mp 1000 PMMA nominal Mp 2000 No specific data. PMMA nominal Mp 7000 No specific data. PMMA nominal Mp No specific data. 13000 PMMA nominal Mp No specific data. 30000 PMMA nominal Mp No specific data. 70000 PMMA nominal Mp No specific data. 130000 PMMA nominal Mp No specific data. 300000 PMMA nominal Mp No specific data. 500000 PMMA nominal Mp No specific data. 1000000 PMMA nominal Mp No specific data. 1500000 **Eye contact** : PMMA nominal Mp 500 Adverse symptoms may include the following: irritation redness PMMA nominal Mp 1000 Adverse symptoms may include the following: irritation redness PMMA nominal Mp 2000 Adverse symptoms may include the following: irritation redness PMMA nominal Mp 7000 Adverse symptoms may include the following: irritation redness PMMA nominal Mp Adverse symptoms may include the following: 13000 irritation redness PMMA nominal Mp Adverse symptoms may include the following: 30000 irritation redness PMMA nominal Mp Adverse symptoms may include the following: 70000

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irritation redness

SECTION 11: Toxicological information

PMMA nominal Mp

130000

Adverse symptoms may include the following:

Adverse symptoms may include the following:

Adverse symptoms may include the following:

irritation

redness

PMMA nominal Mp

300000

irritation

redness

PMMA nominal Mp

500000

irritation redness

PMMA nominal Mp

1000000

Adverse symptoms may include the following:

irritation

redness

PMMA nominal Mp

1500000

Adverse symptoms may include the following:

irritation 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.

Potential chronic health effects

Conclusion/Summary: Not available.

General : PMMA nominal Mp 500

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 Repeated or prolonged inhalation of dust may lead to chronic

13000 respiratory irritation.

PMMA nominal Mp Repeated or prolonged inhalation of dust may lead to chronic

30000 respiratory irritation.

PMMA nominal Mp

Repeated or prolonged inhalation of dust may lead to chronic

70000 respiratory irritation.

PMMA nominal Mp Repeated or prolonged inhalation of dust may lead to chronic

130000 respiratory irritation.

PMMA nominal Mp Repeated or prolonged inhalation of dust may lead to chronic

300000 respiratory irritation.

PMMA nominal Mp

Repeated or prolonged inhalation of dust may lead to chronic

500000 respiratory irritation.

PMMA nominal Mp Repeated or prolonged inhalation of dust may lead to chronic

1000000 respiratory irritation.

PMMA nominal Mp

Repeated or prolonged inhalation of dust may lead to chronic

1500000 respiratory irritation.

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SECTION 11: Toxicological information

SECTION 11: Toxic	cological informatio	on
Carcinogenicity	: MMA nominal Mp 500	No known significant effects or critical hazards.
	PMMA nominal Mp 100	
	PMMA nominal Mp 200	•
	PMMA nominal Mp 700	0 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	No lengue aimpificant affacts as asitival barranda
	PMMA nominal Mp 1000000	No known significant effects or critical hazards.
	PMMA nominal Mp	No known significant effects or critical hazards.
	1500000	NO KHOWIT SIGNINGAIN CHECKS OF CHICAI HAZAIUS.
Mutagenicity	: PMMA nominal Mp 500	
	PMMA nominal Mp 100	•
	PMMA nominal Mp 200 PMMA nominal Mp 700	•
	PMMA nominal Mp	No known significant effects or critical hazards.
	13000	NO KHOWIT SIGNIFICANT CHECKS OF CHICAI HAZARUS.
	PMMA nominal Mp	No known significant effects or critical hazards.
	30000	
	PMMA nominal Mp	No known significant effects or critical hazards.
	70000	3
	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	No los como cionestico de esta con cuitical la comunicación
	PMMA nominal Mp	No known significant effects or critical hazards.
	1000000	No known significant effects or critical hazards.
	PMMA nominal Mp 1500000	NO KHOWIT SIGNINGAIN CHECKS OF CHICAI HAZAIUS.
Barrier des etters des etseter		NI de la como de la co
Reproductive toxicity	: PMMA nominal Mp 500	
	PMMA nominal Mp 100 PMMA nominal Mp 200	
	PMMA nominal Mp 700	•
	PMMA nominal Mp	No known significant effects or critical hazards.
	13000	No known significant effects of childar flazards.
	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	No known significant offects or spitial barrada
	PMMA nominal Mp 1000000	No known significant effects or critical hazards.
	PMMA nominal Mp	No known significant effects or critical hazards.
	1500000	To Known organiount oncots of official flazards.

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SECTION 11: Toxicological information

Other information

: 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 Adverse symptoms may include the following: Very slightly

13000

to slightly dangerous in case of skin contact (corrosive, irritant, sensitiser, permeator), eye contact (irritant),

ingestion or inhalation.

PMMA nominal Mp
Adverse symptoms may include the following: Very slightly 30000
to slightly dangerous in case of skin contact (corrosive.

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 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

Conclusion/Summary: Not available.

12.3 Bioaccumulative potential

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SECTION 12: Ecological information

Besteations it at a see	T	DOE	Data at Cal
Product/ingredient name	LogPow	BCF	Potential
PMMA nominal Mp 500			
2-Propenoic acid, 2-methyl-,	-	<500	Low
methyl ester, homopolymer			
PMMA nominal Mp 1000			
2-Propenoic acid, 2-methyl-,	-	<500	Low
methyl ester, homopolymer			
PMMA nominal Mp 2000			
2-Propenoic acid, 2-methyl-,		<500	Low
methyl ester, homopolymer	-	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Low
metry ester, nomepolymer			
PMMA nominal Mp 7000			
2-Propenoic acid, 2-methyl-,	-	<500	Low
methyl ester, homopolymer			
PMMA nominal Mp 13000			
2-Propenoic acid, 2-methyl-,	-	<500	Low
methyl ester, homopolymer			
DMMA marrinal Mr. 20000			
PMMA nominal Mp 30000		<500	Low
2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	-	2500	Low
methyl ester, nomopolymer			
PMMA nominal Mp 70000			
2-Propenoic acid, 2-methyl-,	-	<500	Low
methyl ester, homopolymer			
PMMA nominal Mp 130000			
2-Propenoic acid, 2-methyl-,	_	<500	Low
methyl ester, homopolymer			
PMMA nominal Mp 300000			
2-Propenoic acid, 2-methyl-,		<500	Low
methyl ester, homopolymer	-	\	LOW
PMMA nominal Mp 500000			
2-Propenoic acid, 2-methyl-,	-	<500	Low
methyl ester, homopolymer			
PMMA nominal Mp			
1000000			
2-Propenoic acid, 2-methyl-,	-	<500	Low
methyl ester, homopolymer			
PMMA nominal Mp			
1500000			
2-Propenoic acid, 2-methyl-,	-	<500	Low
methyl ester, homopolymer			
, , , , , , , , , , , , , , , , , , , ,			

12.4 Mobility in soil

Soil/water partition : Not available.

coefficient (Koc)

Mobility : Not available.

12.5 Results of PBT and vPvB assessment

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SECTION 12: Ecological information

Product/ingredient name	PBT	Р	В	Т	vPvB	vP	vB
PMMA nominal Mp 500 PMMA nominal Mp 500	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PMMA nominal Mp 1000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	No	Yes	No	No	No	No	No
PMMA nominal Mp 2000 PMMA nominal Mp 2000	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PMMA nominal Mp 7000 PMMA nominal Mp 7000	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PMMA nominal Mp 13000 PMMA nominal Mp 13000	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PMMA nominal Mp 30000 PMMA nominal Mp 30000	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PMMA nominal Mp 70000 PMMA nominal Mp 70000	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PMMA nominal Mp 130000 PMMA nominal Mp 130000	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PMMA nominal Mp 300000 PMMA nominal Mp 300000	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PMMA nominal Mp 500000 PMMA nominal Mp 500000	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PMMA nominal Mp 1000000 PMMA nominal Mp 1000000	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PMMA nominal Mp 1500000 PMMA nominal Mp 1500000	N/A	N/A	N/A	N/A	N/A	N/A	N/A

12.6 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.

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SECTION 13: Disposal considerations

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	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 UK (GB)/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.

Ozone depleting substances

Not listed.

Prior Informed Consent (PIC)

Not listed.

Persistent Organic Pollutants

Not listed.

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

No listed substance

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SECTION 15: Regulatory information

Label : PMMA nominal Mp 500 Not applicable.

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

Seveso Directive

This product is not controlled under the Seveso Directive.

EU regulations

Industrial emissions : Not listed

(integrated pollution prevention and control) -

Air

Industrial emissions : Not listed

(integrated pollution prevention and control) -

Water

15.2 Chemical safety

assessment

: This product contains substances for which Chemical Safety Assessments might still be

required.

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

United States : All components are active or exempted.

SECTION 16: Other information

Indicates information that has changed from previously issued version.

Abbreviations and

: ATE = Acute Toxicity Estimate

acronyms

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

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Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II - United Kingdom (UK)

EasiVial PM kit 4 ml, Part Number PL2020-0200

SECTION 16: Other information

Classification	Justification		
Not classified.			

Full text of abbreviated H statements

Not applicable.

Full text of classifications

Not applicable.

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