

SAFETY DATA SHEET



EasiVial PM kit 4 ml, Part Number PL2020-0200

Section 1. Identification

Product identifier	: EasiVial PM kit 4 ml, Part Number PL2020-0200	
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.

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

Supplier/Manufacturer	: Agilent Technologies Australia Pty Ltd 679 Springvale Road Mulgrave Victoria 3170, Australia 1800 802 402	
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Emergency telephone number (with hours of operation)	: CHEMTREC®: +(61)-290372994	
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Section 2. Hazard(s) identification

Classification of the substance or mixture

Not classified.

GHS label elements

Signal word	: PMMA nominal Mp 500	No signal word.
	PMMA nominal Mp 1000	No signal word.
	PMMA nominal Mp 2000	No signal word.
	PMMA nominal Mp 7000	No signal word.
	PMMA nominal Mp 13000	No signal word.
	PMMA nominal Mp 30000	No signal word.
	PMMA nominal Mp 70000	No signal word.

Section 2. Hazard(s) identification

	PMMA nominal Mp 130000	No signal word.
	PMMA nominal Mp 300000	No signal word.
	PMMA nominal Mp 500000	No signal word.
	PMMA nominal Mp 1000000	No signal word.
	PMMA nominal Mp 1500000	No signal word.
Hazard statements	: PMMA nominal Mp 500	No known significant effects or critical hazards.
	PMMA nominal Mp 1000	No known significant effects or critical hazards.
	PMMA nominal Mp 2000	No known significant effects or critical hazards.
	PMMA nominal Mp 7000	No known significant effects or critical hazards.
	PMMA nominal Mp 13000	No known significant effects or critical hazards.
	PMMA nominal Mp 30000	No known significant effects or critical hazards.
	PMMA nominal Mp 70000	No known significant effects or critical hazards.
	PMMA nominal Mp 130000	No known significant effects or critical hazards.
	PMMA nominal Mp 300000	No known significant effects or critical hazards.
	PMMA nominal Mp 500000	No known significant effects or critical hazards.
	PMMA nominal Mp 1000000	No known significant effects or critical hazards.
	PMMA nominal Mp 1500000	No known significant effects or critical hazards.
Precautionary statements		
Prevention	: PMMA nominal Mp 500	Not applicable.
	PMMA nominal Mp 1000	Not applicable.
	PMMA nominal Mp 2000	Not applicable.
	PMMA nominal Mp 7000	Not applicable.
	PMMA nominal Mp 13000	Not applicable.
	PMMA nominal Mp 30000	Not applicable.
	PMMA nominal Mp 70000	Not applicable.
	PMMA nominal Mp 130000	Not applicable.
	PMMA nominal Mp 300000	Not applicable.
	PMMA nominal Mp 500000	Not applicable.
	PMMA nominal Mp 1000000	Not applicable.
	PMMA nominal Mp 1500000	Not applicable.
Response	: PMMA nominal Mp 500	Not applicable.
	PMMA nominal Mp 1000	Not applicable.
	PMMA nominal Mp 2000	Not applicable.
	PMMA nominal Mp 7000	Not applicable.
	PMMA nominal Mp 13000	Not applicable.
	PMMA nominal Mp 30000	Not applicable.
	PMMA nominal Mp 70000	Not applicable.
	PMMA nominal Mp 130000	Not applicable.
	PMMA nominal Mp 300000	Not applicable.
	PMMA nominal Mp 500000	Not applicable.
	PMMA nominal Mp 1000000	Not applicable.
	PMMA nominal Mp 1500000	Not applicable.
Storage	: PMMA nominal Mp 500	Not applicable.
	PMMA nominal Mp 1000	Not applicable.
	PMMA nominal Mp 2000	Not applicable.
	PMMA nominal Mp 7000	Not applicable.
	PMMA nominal Mp 13000	Not applicable.
	PMMA nominal Mp 30000	Not applicable.
	PMMA nominal Mp 70000	Not applicable.
	PMMA nominal Mp 130000	Not applicable.
	PMMA nominal Mp 300000	Not applicable.
	PMMA nominal Mp 500000	Not applicable.
	PMMA nominal Mp 1000000	Not applicable.
	PMMA nominal Mp 1500000	Not applicable.
Disposal	: PMMA nominal Mp 500	Not applicable.
	PMMA nominal Mp 1000	Not applicable.
	PMMA nominal Mp 2000	Not applicable.
	PMMA nominal Mp 7000	Not applicable.
	PMMA nominal Mp 13000	Not applicable.
	PMMA nominal Mp 30000	Not applicable.
	PMMA nominal Mp 70000	Not applicable.
	PMMA nominal Mp 130000	Not applicable.

Section 2. Hazard(s) 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.

Supplemental label elements

Additional warning phrases

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

Other hazards which do not result in classification

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

Section 3. Composition and ingredient information

Substance/mixture

PMMA nominal Mp 500 Substance
 PMMA nominal Mp 1000 Substance
 PMMA nominal Mp 2000 Substance
 PMMA nominal Mp 7000 Substance
 PMMA nominal Mp 13000 Substance
 PMMA nominal Mp 30000 Substance
 PMMA nominal Mp 70000 Substance
 PMMA nominal Mp 130000 Substance
 PMMA nominal Mp 300000 Substance
 PMMA nominal Mp 500000 Substance
 PMMA nominal Mp 1000000 Substance
 PMMA nominal Mp 1500000 Substance

CAS number/other identifiers

Ingredient name	% (w/w)	CAS number
PMMA nominal Mp 500 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	100	9011-14-7
PMMA nominal Mp 1000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	100	9011-14-7
PMMA nominal Mp 2000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	100	9011-14-7

Section 3. Composition and ingredient information

PMMA nominal Mp 7000		
2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	100	9011-14-7
PMMA nominal Mp 13000		
2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	100	9011-14-7
PMMA nominal Mp 30000		
2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	100	9011-14-7
PMMA nominal Mp 70000		
2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	100	9011-14-7
PMMA nominal Mp 130000		
2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	100	9011-14-7
PMMA nominal Mp 300000		
2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	100	9011-14-7
PMMA nominal Mp 500000		
2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	100	9011-14-7
PMMA nominal Mp 1000000		
2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	100	9011-14-7
PMMA nominal Mp 1500000		
2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	100	9011-14-7

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

The total concentration of ingredients in this product, reported or not in this section, is 100%.

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

Section 4. First aid measures

Description of necessary first aid measures

Eye contact	: PMMA nominal Mp 500	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	PMMA nominal Mp 1000	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	PMMA nominal Mp 2000	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get

Section 4. First aid measures

	PMMA nominal Mp 7000	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.
	PMMA nominal Mp 13000	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	PMMA nominal Mp 30000	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	PMMA nominal Mp 70000	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	PMMA nominal Mp 130000	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	PMMA nominal Mp 300000	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	PMMA nominal Mp 500000	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	PMMA nominal Mp 1000000	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	PMMA nominal Mp 1500000	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation	: PMMA nominal Mp 500	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	PMMA nominal Mp 1000	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	PMMA nominal Mp 2000	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	PMMA nominal Mp 7000	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	PMMA nominal Mp 13000	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	PMMA nominal Mp 30000	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	PMMA nominal Mp 70000	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	PMMA nominal Mp 130000	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	PMMA nominal Mp 300000	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical

Section 4. First aid measures

	PMMA nominal Mp 500000	attention if symptoms occur. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	PMMA nominal Mp 1000000	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	PMMA nominal Mp 1500000	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact	: PMMA nominal Mp 500	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	PMMA nominal Mp 1000	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	PMMA nominal Mp 2000	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	PMMA nominal Mp 7000	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	PMMA nominal Mp 13000	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	PMMA nominal Mp 30000	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	PMMA nominal Mp 70000	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	PMMA nominal Mp 130000	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	PMMA nominal Mp 300000	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	PMMA nominal Mp 500000	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	PMMA nominal Mp 1000000	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	PMMA nominal Mp 1500000	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	: PMMA nominal Mp 500	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	PMMA nominal Mp 1000	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	PMMA nominal Mp 2000	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	PMMA nominal Mp 7000	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give

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

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact	:	PMMA nominal Mp 500	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
		PMMA nominal Mp 1000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
		PMMA nominal Mp 2000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
		PMMA nominal Mp 7000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
		PMMA nominal Mp 13000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
		PMMA nominal Mp 30000	Exposure to airborne concentrations above statutory

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PMMA nominal Mp 70000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
PMMA nominal Mp 130000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
PMMA nominal Mp 300000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
PMMA nominal Mp 500000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
PMMA nominal Mp 1000000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
PMMA nominal Mp 1500000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.

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.
PMMA nominal Mp 2000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
PMMA nominal Mp 7000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
PMMA nominal Mp 13000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
PMMA nominal Mp 30000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
PMMA nominal Mp 70000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
PMMA nominal Mp 130000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
PMMA nominal Mp 300000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
PMMA nominal Mp 500000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
PMMA nominal Mp 1000000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
PMMA nominal Mp 1500000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.

Skin contact

: PMMA nominal Mp 500	No known significant effects or critical hazards.
PMMA nominal Mp 1000	No known significant effects or critical hazards.
PMMA nominal Mp 2000	No known significant effects or critical hazards.
PMMA nominal Mp 7000	No known significant effects or critical hazards.
PMMA nominal Mp 13000	No known significant effects or critical hazards.
PMMA nominal Mp 30000	No known significant effects or critical hazards.
PMMA nominal Mp 70000	No known significant effects or critical hazards.

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

Over-exposure signs/symptoms

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 13000	Adverse symptoms may include the following: irritation redness
	PMMA nominal Mp 30000	Adverse symptoms may include the following: irritation redness
	PMMA nominal Mp 70000	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 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
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

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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

Skin contact

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

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 13000	No specific data.
PMMA nominal Mp 30000	No specific data.
PMMA nominal Mp 70000	No specific data.
PMMA nominal Mp 130000	No specific data.
PMMA nominal Mp 300000	No specific data.
PMMA nominal Mp 500000	No specific data.
PMMA nominal Mp 1000000	No specific data.
PMMA nominal Mp 1500000	No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician

: PMMA nominal Mp 500	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
PMMA nominal Mp 1000	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
PMMA nominal Mp 2000	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

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PMMA nominal Mp 7000	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
PMMA nominal Mp 13000	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
PMMA nominal Mp 30000	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
PMMA nominal Mp 70000	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
PMMA nominal Mp 130000	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
PMMA nominal Mp 300000	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
PMMA nominal Mp 500000	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
PMMA nominal Mp 1000000	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
PMMA nominal Mp 1500000	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

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 13000	No specific treatment.
PMMA nominal Mp 30000	No specific treatment.
PMMA nominal Mp 70000	No specific treatment.
PMMA nominal Mp 130000	No specific treatment.
PMMA nominal Mp 300000	No specific treatment.
PMMA nominal Mp 500000	No specific treatment.
PMMA nominal Mp 1000000	No specific treatment.
PMMA nominal Mp 1500000	No specific treatment.

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.
PMMA nominal Mp 13000	No action shall be taken involving any personal risk or without suitable training.
PMMA nominal Mp 30000	No action shall be taken involving any personal risk or without suitable training.
PMMA nominal Mp 70000	No action shall be taken involving any personal risk or without suitable training.
PMMA nominal Mp 130000	No action shall be taken involving any personal risk or without suitable training.
PMMA nominal Mp 300000	No action shall be taken involving any personal risk or without suitable training.
PMMA nominal Mp 500000	No action shall be taken involving any personal risk or without suitable training.
PMMA nominal Mp 1000000	No action shall be taken involving any personal risk or without suitable training.
PMMA nominal Mp 1500000	No action shall be taken involving any personal risk or without suitable training.

Section 4. First aid measures

See toxicological information (Section 11)

Section 5. Firefighting measures

Extinguishing media

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

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

Specific hazards arising from the chemical	: PMMA nominal Mp 500	May form explosible dust-air mixture if dispersed.
	PMMA nominal Mp 1000	May form explosible dust-air mixture if dispersed.
	PMMA nominal Mp 2000	May form explosible dust-air mixture if dispersed.
	PMMA nominal Mp 7000	May form explosible dust-air mixture if dispersed.
	PMMA nominal Mp 13000	May form explosible dust-air mixture if dispersed.
	PMMA nominal Mp 30000	May form explosible dust-air mixture if dispersed.
	PMMA nominal Mp 70000	May form explosible dust-air mixture if dispersed.
	PMMA nominal Mp 130000	May form explosible dust-air mixture if dispersed.
	PMMA nominal Mp 300000	May form explosible dust-air mixture if dispersed.
	PMMA nominal Mp 500000	May form explosible dust-air mixture if dispersed.
	PMMA nominal Mp 1000000	May form explosible dust-air mixture if dispersed.
	PMMA nominal Mp 1500000	May form explosible dust-air mixture if dispersed.

Hazardous thermal decomposition products	: PMMA nominal Mp 500	Decomposition products may include the following materials: carbon dioxide carbon monoxide
	PMMA nominal Mp 1000	Decomposition products may include the following materials: carbon dioxide

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PMMA nominal Mp 2000	carbon monoxide Decomposition products may include the following materials: carbon dioxide
PMMA nominal Mp 7000	carbon monoxide Decomposition products may include the following materials: carbon dioxide
PMMA nominal Mp 13000	carbon monoxide Decomposition products may include the following materials: carbon dioxide
PMMA nominal Mp 30000	Decomposition products may include the following materials: carbon dioxide carbon monoxide
PMMA nominal Mp 70000	Decomposition products may include the following materials: 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 1000000	Decomposition products may include the following materials: carbon dioxide carbon monoxide
PMMA nominal Mp 1500000	Decomposition products may include the following materials: carbon dioxide carbon monoxide

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 risk. Use water spray to keep fire-exposed containers cool.
PMMA nominal Mp 2000	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
PMMA nominal Mp 7000	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or

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		without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
	PMMA nominal Mp 13000	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
	PMMA nominal Mp 30000	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
	PMMA nominal Mp 70000	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
	PMMA nominal Mp 130000	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
	PMMA nominal Mp 300000	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
	PMMA nominal Mp 500000	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
	PMMA nominal Mp 1000000	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
	PMMA nominal Mp 1500000	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Special protective equipment for fire-fighters	: PMMA nominal Mp 500	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
	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.

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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 face-piece operated in positive pressure mode.
PMMA nominal Mp 30000	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
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

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

: PMMA nominal Mp 500	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Put on appropriate personal protective equipment.
PMMA nominal Mp 1000	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Put on appropriate personal protective equipment.
PMMA nominal Mp 2000	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Put on appropriate personal protective equipment.

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PMMA nominal Mp 7000	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Put on appropriate personal protective equipment.
PMMA nominal Mp 13000	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Put on appropriate personal protective equipment.
PMMA nominal Mp 30000	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Put on appropriate personal protective equipment.
PMMA nominal Mp 70000	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Put on appropriate personal protective equipment.
PMMA nominal Mp 130000	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. 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

Section 6. Accidental release measures

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

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Environmental precautions :	PMMA nominal Mp 500	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	PMMA nominal Mp 1000	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	PMMA nominal Mp 2000	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	PMMA nominal Mp 7000	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	PMMA nominal Mp 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).

Methods and material for containment and cleaning up

Section 6. Accidental release measures

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 70000	Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.
		PMMA nominal Mp 130000	Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.
		PMMA nominal Mp 300000	Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.
		PMMA nominal Mp 500000	Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.
		PMMA nominal Mp 1000000	Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.
		PMMA nominal Mp 1500000	Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.

Section 7. Handling and storage

Precautions for safe handling

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

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	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 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

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PMMA nominal Mp 500000

before transferring material. 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.

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

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PMMA nominal Mp 7000	additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
PMMA nominal Mp 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 equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
PMMA nominal Mp 1500000	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for

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Conditions for safe storage, including any incompatibilities : PMMA nominal Mp 500

additional information on hygiene measures.

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. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright

Section 7. Handling and storage

PMMA nominal Mp 30000

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

PMMA nominal Mp 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

Section 7. Handling and storage

PMMA nominal Mp 1000000

sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

PMMA nominal Mp 1500000

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

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.

Section 8. Exposure controls and personal protection

[Control parameters](#)

[Occupational exposure limits](#)

Ingredient name	Exposure limits
<p>PMMA nominal Mp 500 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer</p>	<p>ACGIH TLV (United States). Particulates Not Otherwise Specified (PNOS): 10 mg/m³ Form: Inhalable Particulates Not Otherwise Specified (PNOS): 3 mg/m³ Form: Respirable</p>
<p>PMMA nominal Mp 1000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer</p>	<p>ACGIH TLV (United States). Particulates Not Otherwise Specified (PNOS): 10 mg/m³ Form: Inhalable Particulates Not Otherwise Specified (PNOS): 3 mg/m³ Form: Respirable</p>
<p>PMMA nominal Mp 2000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer</p>	<p>ACGIH TLV (United States). Particulates Not Otherwise Specified (PNOS): 10 mg/m³ Form: Inhalable Particulates Not Otherwise Specified (PNOS): 3 mg/m³ Form: Respirable</p>
<p>PMMA nominal Mp 7000</p>	

Section 8. Exposure controls and personal protection

2-Propenoic acid, 2-methyl-, methyl ester, homopolymer

ACGIH TLV (United States).

Particulates Not Otherwise Specified (PNOS): 10 mg/m³ Form: Inhalable

Particulates Not Otherwise Specified (PNOS): 3 mg/m³ Form: Respirable

PMMA nominal Mp 13000

2-Propenoic acid, 2-methyl-, methyl ester, homopolymer

ACGIH TLV (United States).

Particulates Not Otherwise Specified (PNOS): 10 mg/m³ Form: Inhalable

Particulates Not Otherwise Specified (PNOS): 3 mg/m³ Form: Respirable

PMMA nominal Mp 30000

2-Propenoic acid, 2-methyl-, methyl ester, homopolymer

ACGIH TLV (United States).

Particulates Not Otherwise Specified (PNOS): 10 mg/m³ Form: Inhalable

Particulates Not Otherwise Specified (PNOS): 3 mg/m³ Form: Respirable

PMMA nominal Mp 70000

2-Propenoic acid, 2-methyl-, methyl ester, homopolymer

ACGIH TLV (United States).

Particulates Not Otherwise Specified (PNOS): 10 mg/m³ Form: Inhalable

Particulates Not Otherwise Specified (PNOS): 3 mg/m³ Form: Respirable

PMMA nominal Mp 130000

2-Propenoic acid, 2-methyl-, methyl ester, homopolymer

ACGIH TLV (United States).

Particulates Not Otherwise Specified (PNOS): 10 mg/m³ Form: Inhalable

Particulates Not Otherwise Specified (PNOS): 3 mg/m³ Form: Respirable

PMMA nominal Mp 300000

2-Propenoic acid, 2-methyl-, methyl ester, homopolymer

ACGIH TLV (United States).

Particulates Not Otherwise Specified (PNOS): 10 mg/m³ Form: Inhalable

Particulates Not Otherwise Specified (PNOS): 3 mg/m³ Form: Respirable

PMMA nominal Mp 500000

2-Propenoic acid, 2-methyl-, methyl ester, homopolymer

ACGIH TLV (United States).

Particulates Not Otherwise Specified (PNOS): 10 mg/m³ Form: Inhalable

Particulates Not Otherwise Specified (PNOS): 3 mg/m³ Form: Respirable

PMMA nominal Mp 1000000

2-Propenoic acid, 2-methyl-, methyl ester, homopolymer

ACGIH TLV (United States).

Particulates Not Otherwise Specified (PNOS): 10 mg/m³ Form: Inhalable

Particulates Not Otherwise Specified (PNOS): 3 mg/m³ Form: Respirable

PMMA nominal Mp 1500000

2-Propenoic acid, 2-methyl-, methyl ester, homopolymer

ACGIH TLV (United States).

Particulates Not Otherwise Specified (PNOS): 10 mg/m³ Form: Inhalable

Particulates Not Otherwise Specified (PNOS): 3 mg/m³ Form: Respirable

Section 8. Exposure controls and personal protection

Biological exposure indices

No exposure indices known.

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

Individual protection measures

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
- Skin protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties and safety characteristics

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

Appearance

- Physical state** :
- | | |
|-------------------------|------------------|
| PMMA nominal Mp 500 | Solid. [Powder.] |
| PMMA nominal Mp 1000 | Solid. [Powder.] |
| PMMA nominal Mp 2000 | Solid. [Powder.] |
| PMMA nominal Mp 7000 | Solid. [Powder.] |
| PMMA nominal Mp 13000 | Solid. [Powder.] |
| PMMA nominal Mp 30000 | Solid. [Powder.] |
| PMMA nominal Mp 70000 | Solid. [Powder.] |
| PMMA nominal Mp 130000 | Solid. [Powder.] |
| PMMA nominal Mp 300000 | Solid. [Powder.] |
| PMMA nominal Mp 500000 | Solid. [Powder.] |
| PMMA nominal Mp 1000000 | Solid. [Powder.] |
| PMMA nominal Mp 1500000 | Solid. [Powder.] |

Section 9. Physical and chemical properties and safety characteristics

Colour	:	PMMA nominal Mp 500	White.
		PMMA nominal Mp 1000	White.
		PMMA nominal Mp 2000	White.
		PMMA nominal Mp 7000	White.
		PMMA nominal Mp 13000	White.
		PMMA nominal Mp 30000	White.
		PMMA nominal Mp 70000	White.
		PMMA nominal Mp 130000	White.
		PMMA nominal Mp 300000	White.
		PMMA nominal Mp 500000	White.
		PMMA nominal Mp 1000000	White.
	PMMA nominal Mp 1500000	White.	
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 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.	
Odour threshold	:	PMMA nominal Mp 500	Not available.
		PMMA nominal Mp 1000	Not available.
		PMMA nominal Mp 2000	Not available.
		PMMA nominal Mp 7000	Not available.
		PMMA nominal Mp 13000	Not available.
		PMMA nominal Mp 30000	Not available.
		PMMA nominal Mp 70000	Not available.
		PMMA nominal Mp 130000	Not available.
		PMMA nominal Mp 300000	Not available.
		PMMA nominal Mp 500000	Not available.
		PMMA nominal Mp 1000000	Not available.
	PMMA nominal Mp 1500000	Not available.	
pH	:	PMMA nominal Mp 500	Not available.
		PMMA nominal Mp 1000	Not available.
		PMMA nominal Mp 2000	Not available.
		PMMA nominal Mp 7000	Not available.
		PMMA nominal Mp 13000	Not available.
		PMMA nominal Mp 30000	Not available.
		PMMA nominal Mp 70000	Not available.
		PMMA nominal Mp 130000	Not available.
		PMMA nominal Mp 300000	Not available.
		PMMA nominal Mp 500000	Not available.
		PMMA nominal Mp 1000000	Not available.
	PMMA nominal Mp 1500000	Not available.	
Melting point/freezing point	:	PMMA nominal Mp 500	>150°C (>302°F)
		PMMA nominal Mp 1000	>150°C (>302°F)
		PMMA nominal Mp 2000	>150°C (>302°F)
		PMMA nominal Mp 7000	>150°C (>302°F)
		PMMA nominal Mp 13000	>150°C (>302°F)
		PMMA nominal Mp 30000	>150°C (>302°F)
		PMMA nominal Mp 70000	>150°C (>302°F)
		PMMA nominal Mp 130000	>150°C (>302°F)
		PMMA nominal Mp 300000	>150°C (>302°F)
		PMMA nominal Mp 500000	>150°C (>302°F)
		PMMA nominal Mp 1000000	>150°C (>302°F)
	PMMA nominal Mp 1500000	>150°C (>302°F)	

Section 9. Physical and chemical properties and safety characteristics

Boiling point, initial boiling point, and boiling range	: 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	Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available.
Flash point	: 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	Closed cup: >250°C (>482°F) Closed cup: >250°C (>482°F) Closed cup: >250°C (>482°F) Closed cup: >250°C (>482°F) Closed cup: >250°C (>482°F) Closed cup: >250°C (>482°F) Closed cup: >250°C (>482°F) Closed cup: >250°C (>482°F) Closed cup: >250°C (>482°F) Closed cup: >250°C (>482°F) Closed cup: >250°C (>482°F) Closed cup: >250°C (>482°F)
Evaporation rate	: 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	Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available.
Flammability	: 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	Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available.
Lower and upper explosion limit/flammability limit	: 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	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
Vapour pressure	: Not available.	

Section 9. Physical and chemical properties and safety characteristics

Relative vapour density : PMMA nominal Mp 500 Not applicable.
 PMMA nominal Mp 1000 Not applicable.
 PMMA nominal Mp 2000 Not applicable.
 PMMA nominal Mp 7000 Not applicable.
 PMMA nominal Mp 13000 Not applicable.
 PMMA nominal Mp 30000 Not applicable.
 PMMA nominal Mp 70000 Not applicable.
 PMMA nominal Mp 130000 Not applicable.
 PMMA nominal Mp 300000 Not applicable.
 PMMA nominal Mp 500000 Not applicable.
 PMMA nominal Mp 1000000 Not applicable.
 PMMA nominal Mp 1500000 Not applicable.

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 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.

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 water	Insoluble
PMMA nominal Mp 130000 water	Insoluble
PMMA nominal Mp 300000 water	Insoluble
PMMA nominal Mp 500000 water	Insoluble
PMMA nominal Mp 1000000 water	Insoluble
PMMA nominal Mp 1500000 water	Insoluble

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

Section 9. Physical and chemical properties and safety characteristics

	PMMA nominal Mp 1500000	Not applicable.
Auto-ignition temperature	: PMMA nominal Mp 500	Not applicable.
	PMMA nominal Mp 1000	Not applicable.
	PMMA nominal Mp 2000	Not applicable.
	PMMA nominal Mp 7000	Not applicable.
	PMMA nominal Mp 13000	Not applicable.
	PMMA nominal Mp 30000	Not applicable.
	PMMA nominal Mp 70000	Not applicable.
	PMMA nominal Mp 130000	Not applicable.
	PMMA nominal Mp 300000	Not applicable.
	PMMA nominal Mp 500000	Not applicable.
	PMMA nominal Mp 1000000	Not applicable.
	PMMA nominal Mp 1500000	Not applicable.

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

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

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 13000	Not available.
	PMMA nominal Mp 30000	Not available.
	PMMA nominal Mp 70000	Not available.
	PMMA nominal Mp 130000	Not available.
	PMMA nominal Mp 300000	Not available.
	PMMA nominal Mp 500000	Not available.
	PMMA nominal Mp 1000000	Not available.
	PMMA nominal Mp 1500000	Not available.

Section 10. Stability and reactivity

Reactivity	: 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.

Section 10. Stability and reactivity

PMMA nominal Mp 13000	No specific test data related to reactivity available for this product or its ingredients.
PMMA nominal Mp 30000	No specific test data related to reactivity available for this product or its ingredients.
PMMA nominal Mp 70000	No specific test data related to reactivity available for this product or its ingredients.
PMMA nominal Mp 130000	No specific test data related to reactivity available for this product or its ingredients.
PMMA nominal Mp 300000	No specific test data related to reactivity available for this product or its ingredients.
PMMA nominal Mp 500000	No specific test data related to reactivity available for this product or its ingredients.
PMMA nominal Mp 1000000	No specific test data related to reactivity available for this product or its ingredients.
PMMA nominal Mp 1500000	No specific test data related to reactivity available for this product or its ingredients.

Chemical stability

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

Possibility of hazardous reactions

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

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.
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Section 10. Stability and reactivity

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

Section 10. Stability and reactivity

PMMA nominal Mp 1000000	Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation.
PMMA nominal Mp 1500000	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.

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

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

Section 10. Stability and reactivity

PMMA nominal Mp 300000	produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.
PMMA nominal Mp 500000	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
PMMA nominal Mp 1000000	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
PMMA nominal Mp 1500000	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Not available.

Irritation/Corrosion

Not available.

Sensitisation

Not available.

Mutagenicity

Conclusion/Summary : Not available.

Carcinogenicity

Conclusion/Summary : Not available.

Reproductive toxicity

Conclusion/Summary : Not available.

Teratogenicity

Conclusion/Summary : Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.



Aspiration hazard

Not available.

Information on likely routes of exposure	PMMA nominal Mp 500	Not available.
	PMMA nominal Mp 1000	Not available.
	PMMA nominal Mp 2000	Not available.
	PMMA nominal Mp 7000	Not available.
	PMMA nominal Mp 13000	Not available.
	PMMA nominal Mp 30000	Not available.
	PMMA nominal Mp 70000	Not available.
	PMMA nominal Mp 130000	Not available.
	PMMA nominal Mp 300000	Not available.
	PMMA nominal Mp 500000	Not available.
	PMMA nominal Mp 1000000	Not available.
	PMMA nominal Mp 1500000	Not available.

Potential acute health effects

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Eye contact	:  PMMA nominal Mp 500	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
	PMMA nominal Mp 1000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
	PMMA nominal Mp 2000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
	PMMA nominal Mp 7000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
	PMMA nominal Mp 13000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
	PMMA nominal Mp 30000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
	PMMA nominal Mp 70000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
	PMMA nominal Mp 130000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
	PMMA nominal Mp 300000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
	PMMA nominal Mp 500000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
	PMMA nominal Mp 1000000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
	PMMA nominal Mp 1500000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
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.
	PMMA nominal Mp 2000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
	PMMA nominal Mp 7000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
	PMMA nominal Mp 13000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
	PMMA nominal Mp 30000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
	PMMA nominal Mp 70000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
	PMMA nominal Mp 130000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
	PMMA nominal Mp 300000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.

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PMMA nominal Mp 500000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
PMMA nominal Mp 1000000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
PMMA nominal Mp 1500000	Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.

Skin contact

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

Ingestion

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

Symptoms related to the physical, chemical and toxicological characteristics

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 13000	Adverse symptoms may include the following: irritation redness
PMMA nominal Mp 30000	Adverse symptoms may include the following: irritation redness
PMMA nominal Mp 70000	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

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

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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 13000	No specific data.
		PMMA nominal Mp 30000	No specific data.
		PMMA nominal Mp 70000	No specific data.
		PMMA nominal Mp 130000	No specific data.
		PMMA nominal Mp 300000	No specific data.
		PMMA nominal Mp 500000	No specific data.
		PMMA nominal Mp 1000000	No specific data.
		PMMA nominal Mp 1500000	No specific data.

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

General	:	PMMA nominal Mp 500	Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
		PMMA nominal Mp 1000	Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
		PMMA nominal Mp 2000	Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
		PMMA nominal Mp 7000	Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
		PMMA nominal Mp 13000	Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
		PMMA nominal Mp 30000	Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
		PMMA nominal Mp 70000	Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
		PMMA nominal Mp 130000	Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
		PMMA nominal Mp 300000	Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
		PMMA nominal Mp 500000	Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
		PMMA nominal Mp 1000000	Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
		PMMA nominal Mp 1500000	Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
Carcinogenicity	:	PMMA nominal Mp 500	No known significant effects or critical hazards.
		PMMA nominal Mp 1000	No known significant effects or critical hazards.
		PMMA nominal Mp 2000	No known significant effects or critical hazards.
		PMMA nominal Mp 7000	No known significant effects or critical hazards.
		PMMA nominal Mp 13000	No known significant effects or critical hazards.
		PMMA nominal Mp 30000	No known significant effects or critical hazards.
		PMMA nominal Mp 70000	No known significant effects or critical hazards.
		PMMA nominal Mp 130000	No known significant effects or critical hazards.
		PMMA nominal Mp 300000	No known significant effects or critical hazards.
		PMMA nominal Mp 500000	No known significant effects or critical hazards.
		PMMA nominal Mp 1000000	No known significant effects or critical hazards.
		PMMA nominal Mp 1500000	No known significant effects or critical hazards.

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

Numerical measures of toxicity

Acute toxicity estimates

N/A

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 13000	Adverse symptoms may include the following: Very slightly to slightly dangerous in case of skin contact (corrosive, irritant, sensitiser, permeator), eye contact (irritant), ingestion or inhalation.
		PMMA nominal Mp 30000	Adverse symptoms may include the following: Very slightly to slightly dangerous in case of skin contact (corrosive, irritant, sensitiser, permeator), eye contact (irritant), ingestion or inhalation.
		PMMA nominal Mp 70000	Adverse symptoms may include the following: Very slightly to slightly dangerous in case of skin contact (corrosive, irritant, sensitiser, permeator), eye contact (irritant), ingestion or inhalation.
		PMMA nominal Mp 130000	Adverse symptoms may include the following: Very slightly to slightly dangerous in case of skin contact (corrosive, irritant, sensitiser, permeator), eye contact

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PMMA nominal Mp 300000	(irritant), ingestion or inhalation. 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

Toxicity

Not available.

Persistence and degradability

Not available.

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
PMMA nominal Mp 500 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	-	<500	Low
PMMA nominal Mp 1000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	-	<500	Low
PMMA nominal Mp 2000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	-	<500	Low
PMMA nominal Mp 7000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	-	<500	Low
PMMA nominal Mp 13000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	-	<500	Low
PMMA nominal Mp 30000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	-	<500	Low
PMMA nominal Mp 70000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	-	<500	Low
PMMA nominal Mp 130000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	-	<500	Low

Section 12. Ecological information

PMMA nominal Mp 300000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	-	<500	Low
PMMA nominal Mp 500000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	-	<500	Low
PMMA nominal Mp 1000000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	-	<500	Low
PMMA nominal Mp 1500000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	-	<500	Low

Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : 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. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. 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

ADG / IMDG / IATA : Not regulated as Dangerous Goods according to the ADG Code .

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.

Transport in bulk according to IMO instruments : Not available.

Section 15. Regulatory information

Standard for the Uniform Scheduling of Medicines and Poisons

Not regulated.

Model Work Health and Safety Regulations - Scheduled Substances

No listed substance

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol

Not listed.

Section 15. Regulatory information

[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](#)

- Australia** : All components are listed or exempted.
New Zealand : All components are listed or exempted.
United States : All components are active or exempted.

Section 16. Any other relevant information

[History](#)

Date of issue/Date of revision : 05/04/2024

Date of previous issue : 07/10/2022

Version : 2

[Key to abbreviations](#)

- : ADG = Australian Dangerous Goods
 : ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
 : ATE = Acute Toxicity Estimate
 : BCF = Bioconcentration Factor
 : GHS = Globally Harmonized System of Classification and Labelling of Chemicals
 : IATA = International Air Transport Association
 : IBC = Intermediate Bulk Container
 : IMDG = International Maritime Dangerous Goods
 : LogPow = logarithm of the octanol/water partition coefficient
 : MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
 : N/A = Not available
 : SUSMP = Standard Uniform Schedule of Medicine and Poisons
 : UN = United Nations

[Procedure used to derive the classification](#)

Classification

Not classified.

✔ Indicates information that has changed from previously issued version.

[Notice to reader](#)

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