

SAFETY DATA SHEET



EasiVial PM kit 4 ml, Part Number PL2020-0200

Section 1. Identification

1.1 Product identifier

Product name : 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.

Validation date : 4/5/2024

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

Identified uses : Reagents and Standards for Analytical Chemistry Laboratory Use

PMMA nominal Mp 500	30 x 3.2 mg
PMMA nominal Mp 1000	30 x 3.2 mg
PMMA nominal Mp 2000	30 x 3.2 mg
PMMA nominal Mp 7000	30 x 2.4 mg
PMMA nominal Mp 13000	30 x 2.4 mg
PMMA nominal Mp 30000	30 x 2.4 mg
PMMA nominal Mp 70000	30 x 1.6 mg
PMMA nominal Mp 130000	30 x 1.6 mg
PMMA nominal Mp 300000	30 x 1.6 mg
PMMA nominal Mp 500000	30 x 0.8 mg
PMMA nominal Mp 1000000	30 x 0.8 mg
PMMA nominal Mp 1500000	30 x 0.8 mg

1.3 Details of the supplier of the safety data sheet

Supplier/Manufacturer : Agilent Technologies, Inc.
 5301 Stevens Creek Blvd
 Santa Clara, CA 95051, USA
 800-227-9770

1.4 Emergency telephone number

In case of emergency : CHEMTREC®: 1-800-424-9300

Section 2. Hazards identification

2.1 Classification of the substance or mixture

OSHA/HCS status : PMMA nominal Mp 500 This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
 PMMA nominal Mp 1000 This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
 PMMA nominal Mp 2000 This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
 PMMA nominal Mp 7000 This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

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PMMA nominal Mp 13000	Hazard Communication Standard (29 CFR 1910.1200). This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
PMMA nominal Mp 30000	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
PMMA nominal Mp 70000	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
PMMA nominal Mp 130000	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
PMMA nominal Mp 300000	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
PMMA nominal Mp 500000	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
PMMA nominal Mp 1000000	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
PMMA nominal Mp 1500000	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture

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

2.2 GHS label elements

Signal word :

Section 2. Hazards identification

	PMMA nominal Mp 500	Warning
	PMMA nominal Mp 1000	Warning
	PMMA nominal Mp 2000	Warning
	PMMA nominal Mp 7000	Warning
	PMMA nominal Mp 13000	Warning
	PMMA nominal Mp 30000	Warning
	PMMA nominal Mp 70000	Warning
	PMMA nominal Mp 130000	Warning
	PMMA nominal Mp 300000	Warning
	PMMA nominal Mp 500000	Warning
	PMMA nominal Mp 1000000	Warning
	PMMA nominal Mp 1500000	Warning
Hazard statements	: 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.
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.

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	PMMA nominal Mp 1000000	Not applicable.
	PMMA nominal Mp 1500000	Not applicable.
Disposal	: <input checked="" type="checkbox"/> PMMA nominal Mp 500	Not applicable.
	PMMA nominal Mp 1000	Not applicable.
	PMMA nominal Mp 2000	Not applicable.
	PMMA nominal Mp 7000	Not applicable.
	PMMA nominal Mp 13000	Not applicable.
	PMMA nominal Mp 30000	Not applicable.
	PMMA nominal Mp 70000	Not applicable.
	PMMA nominal Mp 130000	Not applicable.
	PMMA nominal Mp 300000	Not applicable.
	PMMA nominal Mp 500000	Not applicable.
	PMMA nominal Mp 1000000	Not applicable.
	PMMA nominal Mp 1500000	Not applicable.
Supplemental label elements	: <input checked="" type="checkbox"/> PMMA nominal Mp 500	Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Prevent dust accumulation.
	PMMA nominal Mp 1000	Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Prevent dust accumulation.
	PMMA nominal Mp 2000	Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Prevent dust accumulation.
	PMMA nominal Mp 7000	Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Prevent dust accumulation.
	PMMA nominal Mp 13000	Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Prevent dust accumulation.
	PMMA nominal Mp 30000	Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Prevent dust accumulation.
	PMMA nominal Mp 70000	Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Prevent dust accumulation.
	PMMA nominal Mp 130000	Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Prevent dust accumulation.
	PMMA nominal Mp 300000	Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Prevent dust accumulation.
	PMMA nominal Mp 500000	Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Prevent dust accumulation.
	PMMA nominal Mp 1000000	Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Prevent dust accumulation.
	PMMA nominal Mp 1500000	Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other

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ignition sources. No smoking. Prevent dust accumulation.

2.3 Other hazards

Hazards not otherwise classified

PMMA nominal Mp 500	None known.
PMMA nominal Mp 1000	None known.
PMMA nominal Mp 2000	None known.
PMMA nominal Mp 7000	None known.
PMMA nominal Mp 13000	None known.
PMMA nominal Mp 30000	None known.
PMMA nominal Mp 70000	None known.
PMMA nominal Mp 130000	None known.
PMMA nominal Mp 300000	None known.
PMMA nominal Mp 500000	None known.
PMMA nominal Mp 1000000	None known.
PMMA nominal Mp 1500000	None known.

Section 3. Composition/information on ingredients

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

Ingredient name	%	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
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

Section 3. Composition/information on ingredients

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

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

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.

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

Section 4. First aid measures

4.1 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 medical attention if irritation occurs.
	PMMA nominal Mp 7000	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	PMMA nominal Mp 13000	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	PMMA nominal Mp 30000	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.

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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.

PMMA nominal Mp 1000
Remove victim to fresh air and keep at rest in a position comfortable for breathing.

PMMA nominal Mp 2000
Remove victim to fresh air and keep at rest in a position comfortable for breathing.

PMMA nominal Mp 7000
Remove victim to fresh air and keep at rest in a position comfortable for breathing.

PMMA nominal Mp 13000
Remove victim to fresh air and keep at rest in a position comfortable for breathing.

PMMA nominal Mp 30000
Remove victim to fresh air and keep at rest in a position comfortable for breathing.

PMMA nominal Mp 70000
Remove victim to fresh air and keep at rest in a position comfortable for breathing.

PMMA nominal Mp 130000
Remove victim to fresh air and keep at rest in a position comfortable for breathing.

PMMA nominal Mp 300000
Remove victim to fresh air and keep at rest in a position comfortable for breathing.

PMMA nominal Mp 500000
Remove victim to fresh air and keep at rest in a position comfortable for breathing.

PMMA nominal Mp 1000000
Remove victim to fresh air and keep at rest in a position comfortable for breathing.

PMMA nominal Mp 1500000
Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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.

Section 4. First aid measures

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.

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.

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.

PMMA nominal Mp 7000

Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel.

PMMA nominal Mp 13000

Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel.

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.

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.

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PMMA nominal Mp 130000	personnel. 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.
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.
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.
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.
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.

4.2 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 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.

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	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.
	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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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
	PMMA nominal Mp 7000	Adverse symptoms may include the following: respiratory tract irritation

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PMMA nominal Mp 13000	coughing Adverse symptoms may include the following: respiratory tract irritation
PMMA nominal Mp 30000	coughing Adverse symptoms may include the following: respiratory tract irritation
PMMA nominal Mp 70000	coughing Adverse symptoms may include the following: respiratory tract irritation
PMMA nominal Mp 130000	coughing Adverse symptoms may include the following: respiratory tract irritation
PMMA nominal Mp 300000	coughing Adverse symptoms may include the following: respiratory tract irritation
PMMA nominal Mp 500000	coughing Adverse symptoms may include the following: respiratory tract irritation
PMMA nominal Mp 1000000	coughing Adverse symptoms may include the following: respiratory tract irritation
PMMA nominal Mp 1500000	coughing Adverse symptoms may include the following: respiratory tract irritation

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.

4.3 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

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ingested or inhaled.

PMMA nominal Mp 7000
Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

PMMA nominal Mp 13000
Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

PMMA nominal Mp 30000
Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

PMMA nominal Mp 70000
Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

PMMA nominal Mp 130000
Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

PMMA nominal Mp 300000
Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

PMMA nominal Mp 500000
Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

PMMA nominal Mp 1000000
Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

PMMA nominal Mp 1500000
Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

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.

Section 4. First aid measures

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.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

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

Use dry chemical powder.
 Use dry chemical powder.
 Use dry chemical powder.
 Use dry chemical powder.
 Use dry chemical powder.
 Use dry chemical powder.
 Use dry chemical powder.
 Use dry chemical powder.
 Use dry chemical powder.
 Use dry chemical powder.
 Use dry chemical powder.
 Use dry chemical powder.

Unsuitable extinguishing media

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

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

5.2 Special hazards arising from the substance or mixture

Specific hazards arising from the chemical

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

May form explosible dust-air mixture if dispersed.
 May form explosible dust-air mixture if dispersed.
 May form explosible dust-air mixture if dispersed.
 May form explosible dust-air mixture if dispersed.
 May form explosible dust-air mixture if dispersed.
 May form explosible dust-air mixture if dispersed.
 May form explosible dust-air mixture if dispersed.
 May form explosible dust-air mixture if dispersed.
 May form explosible dust-air mixture if dispersed.
 May form explosible dust-air mixture if dispersed.

Section 5. Fire-fighting measures

Hazardous thermal decomposition products

PMMA nominal Mp 100000	May form explosible dust-air mixture if dispersed.
PMMA nominal Mp 1500000	May form explosible dust-air mixture if dispersed.
: 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 carbon monoxide
PMMA nominal Mp 2000	Decomposition products may include the following materials: carbon dioxide carbon monoxide
PMMA nominal Mp 7000	Decomposition products may include the following materials: carbon dioxide carbon monoxide
PMMA nominal Mp 13000	Decomposition products may include the following materials: carbon dioxide carbon monoxide
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

5.3 Advice for firefighters

Section 5. Fire-fighting measures

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 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.

Section 5. Fire-fighting measures

	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.
	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

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

: PMMA nominal Mp 500

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

PMMA nominal Mp 7000

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled 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 spilled 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 spilled 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 spilled 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

Section 6. Accidental release measures

PMMA nominal Mp 300000	unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Put on appropriate personal 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 spilled 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 spilled 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 spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Put on appropriate personal protective equipment.
PMMA nominal Mp 1500000	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled 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 specialized 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 specialized 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 specialized 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 specialized 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 specialized 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 specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also

Section 6. Accidental release measures

PMMA nominal Mp 70000	the information in "For non-emergency personnel". If specialized 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 specialized 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 specialized 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 specialized 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 specialized 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 specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2 Environmental precautions

PMMA nominal Mp 500	Avoid dispersal of spilled 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled 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 spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers,

Section 6. Accidental release measures

PMMA nominal Mp 130000	waterways, soil or air). Avoid dispersal of spilled 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 spilled 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 spilled 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 spilled 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 spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up	:	PMMA nominal Mp 500	Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Vacuum or sweep up material and place in a designated, labeled 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, labeled 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, labeled 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, labeled 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, labeled 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, labeled waste container. Dispose of via a licensed waste disposal contractor.
		PMMA nominal Mp 70000	Move containers from spill area. Use spark-proof

Section 6. Accidental release measures

	tools and explosion-proof equipment. Vacuum or sweep up material and place in a designated, labeled 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, labeled 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, labeled 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, labeled 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, labeled 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, labeled waste container. Dispose of via a licensed waste disposal contractor.

Section 7. Handling and storage

7.1 Precautions for safe handling

Protective measures :  PMMA nominal Mp 500

	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. 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. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. 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 grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.
PMMA nominal Mp 1000	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. 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

Section 7. Handling and storage

PMMA nominal Mp 2000

when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. 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 grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container. Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. 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. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. 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 grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container. Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. 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

PMMA nominal Mp 7000

adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. 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 grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container. Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. 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

PMMA nominal Mp 13000

adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. 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 grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container. Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. 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

Section 7. Handling and storage

PMMA nominal Mp 30000

when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. 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 grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container. Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. 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. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. 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 grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container. Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. 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

PMMA nominal Mp 70000

adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. 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 grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container. Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. 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

PMMA nominal Mp 130000

adequate ventilation. Wear appropriate respirator

Section 7. Handling and storage

PMMA nominal Mp 300000

when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. 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 grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container. Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. 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. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. 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 grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container. Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. 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

PMMA nominal Mp 500000

adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. 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 grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container. Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. 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

PMMA nominal Mp 1000000

adequate ventilation. Wear appropriate respirator

Section 7. Handling and storage

when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. 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 grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container. Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. 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. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. 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 grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.

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 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. 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. 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.

Advice on general occupational hygiene

: PMMA nominal Mp 500

PMMA nominal Mp 1000

PMMA nominal Mp 2000

PMMA nominal Mp 7000

Section 7. Handling and storage

PMMA nominal Mp 13000

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

PMMA nominal Mp 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 additional information on hygiene measures.

Section 7. Handling and storage

7.2 Conditions for safe storage, including any incompatibilities

: PMMA nominal Mp 500

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

PMMA nominal Mp 1000

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing 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 unlabeled 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 oxidizing 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 unlabeled 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 oxidizing 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 unlabeled 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

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	<p>incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p>
PMMA nominal Mp 30000	<p>Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p>
PMMA nominal Mp 70000	<p>Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p>
PMMA nominal Mp 130000	<p>Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.</p>
PMMA nominal Mp 300000	<p>Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers</p>

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PMMA nominal Mp 500000

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

PMMA nominal Mp 1000000

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing 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 unlabeled 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 oxidizing 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 unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

7.3 Specific end use(s)

Recommendations

PMMA nominal Mp 500	Industrial applications, Professional applications.
PMMA nominal Mp 1000	Industrial applications, Professional applications.
PMMA nominal Mp 2000	Industrial applications, Professional applications.
PMMA nominal Mp 7000	Industrial applications, Professional applications.
PMMA nominal Mp 13000	Industrial applications, Professional applications.
PMMA nominal Mp 30000	Industrial applications, Professional applications.
PMMA nominal Mp 70000	Industrial applications, Professional applications.
PMMA nominal Mp 130000	Industrial applications, Professional applications.

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	PMMA nominal Mp 300000	Industrial applications, Professional applications.
	PMMA nominal Mp 500000	Industrial applications, Professional applications.
	PMMA nominal Mp 1000000	Industrial applications, Professional applications.
	PMMA nominal Mp 1500000	Industrial applications, Professional applications.
Industrial sector specific solutions	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 8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
PMMA nominal Mp 500 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	ACGIH TLV (United States). Particulates Not Otherwise Specified (PNOS): 10 mg/m ³ Form: Inhalable Particulates Not Otherwise Specified (PNOS): 3 mg/m ³ Form: Respirable OSHA PEL (United States). Particulates Not Otherwise Specified (PNOS): 5 mg/m ³ Form: Respirable fraction Particulates Not Otherwise Specified (PNOS): 15 mg/m ³ Form: Total dust
PMMA nominal Mp 1000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	ACGIH TLV (United States). Particulates Not Otherwise Specified (PNOS): 10 mg/m ³ Form: Inhalable Particulates Not Otherwise Specified (PNOS): 3 mg/m ³ Form: Respirable OSHA PEL (United States). Particulates Not Otherwise Specified (PNOS): 5 mg/m ³ Form: Respirable fraction Particulates Not Otherwise Specified (PNOS): 15 mg/m ³ Form: Total dust
PMMA nominal Mp 2000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	ACGIH TLV (United States). Particulates Not Otherwise Specified (PNOS): 10 mg/m ³ Form: Inhalable Particulates Not Otherwise Specified (PNOS): 3 mg/m ³ Form: Respirable OSHA PEL (United States). Particulates Not Otherwise Specified (PNOS): 5 mg/m ³ Form: Respirable fraction Particulates Not Otherwise Specified (PNOS): 15 mg/m ³ Form: Total dust

Section 8. Exposure controls/personal protection

PMMA nominal Mp 7000

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

OSHA PEL (United States).

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

Particulates Not Otherwise Specified (PNOS):
15 mg/m³ Form: Total dust

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

OSHA PEL (United States).

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

Particulates Not Otherwise Specified (PNOS):
15 mg/m³ Form: Total dust

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

OSHA PEL (United States).

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

Particulates Not Otherwise Specified (PNOS):
15 mg/m³ Form: Total dust

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

OSHA PEL (United States).

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

Particulates Not Otherwise Specified (PNOS):
15 mg/m³ Form: Total dust

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

OSHA PEL (United States).

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

Section 8. Exposure controls/personal protection

PMMA nominal Mp 300000

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

Particulates Not Otherwise Specified (PNOS):
15 mg/m³ Form: Total dust

ACGIH TLV (United States).

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

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

OSHA PEL (United States).

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

Particulates Not Otherwise Specified (PNOS):
15 mg/m³ Form: Total dust

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

OSHA PEL (United States).

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

Particulates Not Otherwise Specified (PNOS):
15 mg/m³ Form: Total dust

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

OSHA PEL (United States).

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

Particulates Not Otherwise Specified (PNOS):
15 mg/m³ Form: Total dust

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

OSHA PEL (United States).

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

Particulates Not Otherwise Specified (PNOS):
15 mg/m³ Form: Total dust

Biological exposure indices

No exposure indices known.

8.2 Exposure controls

Appropriate engineering controls

: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Section 8. Exposure controls/personal protection

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 :  MMA 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.]

Color :  MMA 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.

Section 9. Physical and chemical properties and safety characteristics

	PMMA nominal Mp 500000	White.
	PMMA nominal Mp 1000000	White.
	PMMA nominal Mp 1500000	White.
Odor	: 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.
Odor 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)
Boiling point, initial boiling point, and boiling range	: PMMA nominal Mp 500	Not available.
	PMMA nominal Mp 1000	Not available.
	PMMA nominal Mp 2000	Not available.
	PMMA nominal Mp 7000	Not available.
	PMMA nominal Mp 13000	Not available.
	PMMA nominal Mp 30000	Not available.
	PMMA nominal Mp 70000	Not available.
	PMMA nominal Mp 130000	Not available.

Section 9. Physical and chemical properties and safety characteristics

	PMMA nominal Mp 300000	Not available.
	PMMA nominal Mp 500000	Not available.
	PMMA nominal Mp 1000000	Not available.
	PMMA nominal Mp 1500000	Not available.
Flash point	: PMMA nominal Mp 500	Closed cup: >250°C (>482°F)
	PMMA nominal Mp 1000	Closed cup: >250°C (>482°F)
	PMMA nominal Mp 2000	Closed cup: >250°C (>482°F)
	PMMA nominal Mp 7000	Closed cup: >250°C (>482°F)
	PMMA nominal Mp 13000	Closed cup: >250°C (>482°F)
	PMMA nominal Mp 30000	Closed cup: >250°C (>482°F)
	PMMA nominal Mp 70000	Closed cup: >250°C (>482°F)
	PMMA nominal Mp 130000	Closed cup: >250°C (>482°F)
	PMMA nominal Mp 300000	Closed cup: >250°C (>482°F)
	PMMA nominal Mp 500000	Closed cup: >250°C (>482°F)
	PMMA nominal Mp 1000000	Closed cup: >250°C (>482°F)
	PMMA nominal Mp 1500000	Closed cup: >250°C (>482°F)
Evaporation rate	: PMMA nominal Mp 500	Not available.
	PMMA nominal Mp 1000	Not available.
	PMMA nominal Mp 2000	Not available.
	PMMA nominal Mp 7000	Not available.
	PMMA nominal Mp 13000	Not available.
	PMMA nominal Mp 30000	Not available.
	PMMA nominal Mp 70000	Not available.
	PMMA nominal Mp 130000	Not available.
	PMMA nominal Mp 300000	Not available.
	PMMA nominal Mp 500000	Not available.
	PMMA nominal Mp 1000000	Not available.
	PMMA nominal Mp 1500000	Not available.
Flammability	: PMMA nominal Mp 500	Not available.
	PMMA nominal Mp 1000	Not available.
	PMMA nominal Mp 2000	Not available.
	PMMA nominal Mp 7000	Not available.
	PMMA nominal Mp 13000	Not available.
	PMMA nominal Mp 30000	Not available.
	PMMA nominal Mp 70000	Not available.
	PMMA nominal Mp 130000	Not available.
	PMMA nominal Mp 300000	Not available.
	PMMA nominal Mp 500000	Not available.
	PMMA nominal Mp 1000000	Not available.
	PMMA nominal Mp 1500000	Not available.
Lower and upper explosion limit/flammability limit	: 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.
Vapor pressure	: Not available.	

Section 9. Physical and chemical properties and safety characteristics

Relative vapor 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.

Section 9. Physical and chemical properties and safety characteristics

	PMMA nominal Mp 1000000	Not applicable.
	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

10.1 Reactivity	:  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	No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients. No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability	:  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	The product is stable. The product is stable. The product is stable. The product is stable. The product is stable. The product is stable. The product is stable. The product is stable. The product is stable. The product is stable. The product is stable. The product is stable. The product is stable.
10.3 Possibility of hazardous reactions	:  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	Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur.

Section 10. Stability and reactivity

	PMMA nominal Mp 1500000	hazardous reactions will not occur. Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	: PMMA nominal Mp 500	Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Prevent dust accumulation.
	PMMA nominal Mp 1000	Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding 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 grounding 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 grounding 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 grounding 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 grounding 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 grounding 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 grounding and bonding containers and equipment before transferring material. Prevent dust accumulation.

Section 10. Stability and reactivity

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

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

Section 10. Stability and reactivity

	PMMA nominal Mp 1500000	materials: oxidizing materials Reactive or incompatible with the following materials: oxidizing materials
10.6 Hazardous decomposition products	: PMMA nominal Mp 500	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	PMMA nominal Mp 1000	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	PMMA nominal Mp 2000	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	PMMA nominal Mp 7000	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	PMMA nominal Mp 13000	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	PMMA nominal Mp 30000	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	PMMA nominal Mp 70000	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	PMMA nominal Mp 130000	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	PMMA nominal Mp 300000	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	PMMA nominal Mp 500000	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	PMMA nominal Mp 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

11.1 Information on toxicological effects

Acute toxicity

Not available.

Irritation/Corrosion

Not available.

Sensitization

Not available.

Mutagenicity

Conclusion/Summary : Not available.

Carcinogenicity

Conclusion/Summary : Not available.

Section 11. Toxicological information

Classification

Product/ingredient name	OSHA	IARC	NTP
PMMA nominal Mp 500 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	-	3	-
PMMA nominal Mp 1000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	-	3	-
PMMA nominal Mp 2000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	-	3	-
PMMA nominal Mp 7000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	-	3	-
PMMA nominal Mp 13000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	-	3	-
PMMA nominal Mp 30000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	-	3	-
PMMA nominal Mp 70000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	-	3	-
PMMA nominal Mp 130000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	-	3	-
PMMA nominal Mp 300000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	-	3	-
PMMA nominal Mp 500000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	-	3	-
PMMA nominal Mp 1000000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	-	3	-
PMMA nominal Mp 1500000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	-	3	-

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)

Section 11. Toxicological information

Not available.

Aspiration hazard

Not available.

Information on the 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

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.

Section 11. Toxicological information

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.
	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.

Section 11. Toxicological information

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
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

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	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.

Delayed and immediate effects and also 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

Section 11. Toxicological information

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

Section 11. Toxicological information

PMMA nominal Mp 150000

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, sensitizer, 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, sensitizer, 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, sensitizer, 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, sensitizer, 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, sensitizer, 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, sensitizer, 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, sensitizer, 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, sensitizer, permeator), eye contact (irritant), ingestion or inhalation.

PMMA nominal Mp 300000

Adverse symptoms may include the following: Very slightly to slightly dangerous in case of skin contact (corrosive, irritant, sensitizer, 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, sensitizer, 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, sensitizer, 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, sensitizer, permeator), eye contact (irritant), ingestion or inhalation.

Section 12. Ecological information

12.1 Toxicity

Not available.

12.2 Persistence and degradability

Not available.

12.3 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
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

Section 12. Ecological information

12.4 Mobility in soil

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

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

Section 13. Disposal considerations

13.1 Waste treatment methods

Disposal methods : The generation of waste should be avoided or minimized 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 spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

The information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

Section 14. Transport information

DOT / TDG / Mexico / IMDG / IATA : Not regulated.

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

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

U.S. Federal regulations : TSCA 8(a) CDR Exempt/Partial exemption: All components are listed or exempted.

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) : Not listed

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

Section 15. Regulatory information

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ : Not applicable.

SARA 311/312

Classification	:	PMMA nominal Mp 500	COMBUSTIBLE DUSTS
		PMMA nominal Mp 1000	COMBUSTIBLE DUSTS
		PMMA nominal Mp 2000	COMBUSTIBLE DUSTS
		PMMA nominal Mp 7000	COMBUSTIBLE DUSTS
		PMMA nominal Mp 13000	COMBUSTIBLE DUSTS
		PMMA nominal Mp 30000	COMBUSTIBLE DUSTS
		PMMA nominal Mp 70000	COMBUSTIBLE DUSTS
		PMMA nominal Mp 130000	COMBUSTIBLE DUSTS
		PMMA nominal Mp 300000	COMBUSTIBLE DUSTS
		PMMA nominal Mp 500000	COMBUSTIBLE DUSTS
		PMMA nominal Mp 1000000	COMBUSTIBLE DUSTS
		PMMA nominal Mp 1500000	COMBUSTIBLE DUSTS

Composition/information on ingredients

Name	%	Classification
PMMA nominal Mp 500 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	100	COMBUSTIBLE DUSTS
PMMA nominal Mp 1000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	100	COMBUSTIBLE DUSTS
PMMA nominal Mp 2000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	100	COMBUSTIBLE DUSTS
PMMA nominal Mp 7000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	100	COMBUSTIBLE DUSTS
PMMA nominal Mp 13000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	100	COMBUSTIBLE DUSTS
PMMA nominal Mp 30000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	100	COMBUSTIBLE DUSTS
PMMA nominal Mp 70000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	100	COMBUSTIBLE DUSTS
PMMA nominal Mp 130000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	100	COMBUSTIBLE DUSTS
PMMA nominal Mp 300000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	100	COMBUSTIBLE DUSTS

Section 15. Regulatory information

PMMA nominal Mp 500000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	100	COMBUSTIBLE DUSTS
PMMA nominal Mp 1000000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	100	COMBUSTIBLE DUSTS
PMMA nominal Mp 1500000 2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	100	COMBUSTIBLE DUSTS

State regulations

Massachusetts : None of the components are listed.

New York : None of the components are listed.

New Jersey : None of the components are listed.

Pennsylvania : None of the components are listed.

California Prop. 65

This product does not require a Safe Harbor warning under California Prop. 65.

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Inventory list

Australia : All components are listed or exempted.

Canada : All components are listed or exempted.

China : All components are listed or exempted.

Japan : **Japan inventory (CSCL)**: All components are listed or exempted.
Japan inventory (ISHL): All components are listed or exempted.

New Zealand : All components are listed or exempted.

Philippines : All components are listed or exempted.

Republic of Korea : All components are listed or exempted.

Taiwan : All components are listed or exempted.

Thailand : All components are listed or exempted.

Turkey : All components are listed or exempted.

United States : All components are active or exempted.

Viet Nam : All components are listed or exempted.

Section 16. Other information

Procedure used to derive the classification

Classification	Justification
PMMA nominal Mp 500 COMBUSTIBLE DUSTS	On basis of test data
PMMA nominal Mp 1000 COMBUSTIBLE DUSTS	On basis of test data
PMMA nominal Mp 2000 COMBUSTIBLE DUSTS	On basis of test data
PMMA nominal Mp 7000 COMBUSTIBLE DUSTS	On basis of test data
PMMA nominal Mp 13000 COMBUSTIBLE DUSTS	On basis of test data
PMMA nominal Mp 30000 COMBUSTIBLE DUSTS	On basis of test data
PMMA nominal Mp 70000 COMBUSTIBLE DUSTS	On basis of test data
PMMA nominal Mp 130000 COMBUSTIBLE DUSTS	On basis of test data
PMMA nominal Mp 300000 COMBUSTIBLE DUSTS	On basis of test data
PMMA nominal Mp 500000 COMBUSTIBLE DUSTS	On basis of test data
PMMA nominal Mp 1000000 COMBUSTIBLE DUSTS	On basis of test data
PMMA nominal Mp 1500000 COMBUSTIBLE DUSTS	On basis of test data

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Key to abbreviations

: 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
 UN = United Nations

☑ Indicates information that has changed from previously issued version.

Notice to reader

Section 16. Other information

Disclaimer: The information contained in this document is based on Agilent's state of knowledge at the time of preparation. No warranty as to its accurateness, completeness or suitability for a particular purpose is expressed or implied.