

KRAFFT, S.L. Unipersonal
Carretera de Urnieta, s/n
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+34 943 410400 (8:00-17:00 h.) (working hours)

SAFETY DATA SHEET

according to regulation (EU) No. 453/2010

1. IDENTIFICATION OF THE PREPARATION

Identification of the preparation: 35223 PERMA POXY PLASTIC WELD (HARDENER)
Recommended use: Curing chemical
Product code 35221, 35222, 35223

2. HAZARDS IDENTIFICATION

Classification and labelling according to Directive 67/548/EEC



Most Important Hazards: Highly flammable. Irritating to respiratory system and skin. May cause allergic skin reaction.

Classification and labelling according to CLP (EC No.1272/2008)



Classification:

Flammable liquid, Category 2
Skin irritation, Category 2
Skin sensitization, Category 1
Target Organ Systemic Toxicant - Single exposure, Category 3

Statements of hazard:

Highly flammable liquid and vapour
Causes skin irritation
May cause allergic skin reaction
May cause respiratory irritation

Precautions for safe handling:

- Keep out of the reach of children
- Keep away from heat/sparks/open flames/hot surface – No smoking.
- Take precautionary measures against static discharge
- Use only outdoors or in a well-ventilated area
- Avoid breathing vapors or mists
- Wash thoroughly after handling
- Wear protective gloves/clothing and eye/face protection
- Contaminated work clothing should not be allowed out of the workplace

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	EC Number	EU Classification 67/548/EEC	CLP Classification EC No.1272/2008
METHYL METHACRYLATE 80-62-6	>70	201-297-1	F;R11 R43 Xi;R37/38	Flam. Liq. 2 Skin Irrit. 2 Skin Sens. 1 STOT SE 3:
3,5-DIETHYL-1,2-DIHYDRO-1-PHENYL-2-PROPYLPYRIDINE 34562-31-7	<5	252-091-3	None	None

4. FIRST-AID MEASURES

General Information:

If you feel unwell, seek medical advice (show the label where possible).

Inhalation:

Move to fresh air in case of accidental inhalation of vapours. Obtain medical attention.

Skin Contact:

Wash off with soap and water. If skin irritation persists, call a physician. Wash contaminated clothing before re-use.

Eye Contact:

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Ingestion:

If swallowed, do not induce vomiting - seek medical advice.

Protection of first-aiders:

Use personal protective equipment. Avoid contact with skin, eyes and clothing.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Carbon dioxide (CO2), Dry chemical, foam

Extinguishing media which must not be used for safety reasons:

None reasonably foreseeable

Special instructions for protection and hygiene:

Flammable. Keep away from heat and sources of ignition.

Special protective equipment for firefighters:

Use personal protective equipment Avoid contact with skin and eyes

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

For additional information on processing see sections 7, 8 and 11 of this safety data sheet.

Environmental Precautions:

Do not flush into surface water or sanitary sewer system.

Cleanup:

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

7. HANDLING AND STORAGE

Handling precautions:

Keep away from sources of ignition - No smoking. Avoid breathing vapors or mists. Avoid contact with the skin and the eyes. Wash thoroughly after handling. Wash contaminated clothing before reuse.

Storage:

Store in cool place. Keep away from heat and sources of ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Component	ACGIH; TLV-TWA	German MAK; TWA	UK WEL; TWA	Finnish OEL; HTP
METHYL METHACRYLATE 80-62-6	50 ppm	50 ppm; 210 mg/m ³	50 ppm; 208 mg/m ³	10 ppm; 42 mg/m ³

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Component	ACGIH; TLV-TWA	German MAK; TWA	UK WEL; TWA	Finnish OEL; HTP
3,5-DIETHYL-1,2-DIHYDRO-1-PHENYL-2-PROPYLPYRIDINE 34562-31-7	Not listed	Not listed	Not listed	Not listed

Ventilation: Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Skin: Neoprene or nitrile gloves recommended.

Eyes: Safety glasses

Hygiene Measures: When using, do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White paste

Odor: Methacrylate

pH: 4.5-5.0 (5% solution)

Boiling point/range: 100°C (212°F)

Melting point: Not determined

Flash point: 7°C.

Risk of explosion: Flammable. Keep away from heat and sources of ignition. Vapors are heavier than air and may spread along floors.

Vapor pressure: 28 mmHg @ 20°C

Density: 0.96

Solubility in water: Not determined

Partition coefficient (n-octanol/water): Not determined

Vapor density: >1 (Air = 1)

Evaporation Rate: >1.0 (butyl acetate = 1)

VOC Content(%): <50 g/l

10. STABILITY/REACTIVITY

Stability: Stable at normal conditions.

Conditions to Avoid: Heat. Inert gas blanketing. Freezing.

Materials to avoid: Strong oxidizing agents, Strong bases, Reducing agents, Acids

Hazardous decomposition products: Carbon oxides, Nitrogen oxides (NOx)

11. TOXICOLOGICAL INFORMATION

Component	Weight%	LD50/oral/rat	LD50/dermal/rabbit	LC50/inhalation/rat	IARC Carcinogen
METHYL METHACRYLATE 80-62-6	>70	7872 mg/kg	>5 g/kg	4632 ppm/4H; 400 ppm/1H	Group 3: Monograph 60, 1994

Local Effects

Skin Irritation: May cause skin irritation and/or dermatitis. May cause allergic skin reaction.

Eye Irritation: Irritating, but will not permanently injure eye tissue.

Inhalation: May cause irritation of respiratory tract.

Ingestion: Irritating to mouth, throat and stomach.

Sensitization: May cause sensitization of susceptible persons by skin contact.

Chronic toxicity: None reasonably foreseeable.

Specific Effects

Carcinogenic effects: None reasonably foreseeable

Mutagenic effects: None reasonably foreseeable.

Reproductive toxicity: None reasonably foreseeable

Target Organ Effects: Eyes, Skin, Respiratory System

Product Name: 35223 PERMA POXY PLASTIC WELD
(HARDENER)

Item No. VC0905C

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available

13. DISPOSAL CONSIDERATIONS

Waste from Residues: According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

14. TRANSPORT INFORMATION

IATA (Air)

Proper Shipping Name: Consumer Commodity
Hazard Class: Class 9
UN/ID No: ID 8000

IMDG (Vessel)

Proper shipping name: Adhesives, containing flammable liquid, Limited Quantity
Hazard Class: Class 3, PG II
UN/ID No: UN 1133
Marine Pollutant: None

ADR/RID

Proper Shipping Name: Adhesives, containing flammable liquid
Hazard Class: Class 3, PG II
UN/ID No: UN 1133
ADR/RID: Limited Quantity; LQ6

15. REGULATORY INFORMATION

This product is classified in accordance with Annex VI to Directive 67/548/EEC

Indication of Danger: F - Highly flammable, Xi - Irritant

R -phrase(s):

R11 - Highly flammable
R37/38 - Irritating to respiratory system and skin
R43 - May cause sensitization by skin contact

S -phrase(s):

S 2 - Keep out of the reach of children
S16 - Keep away from sources of ignition - No smoking
S24 - Avoid contact with skin
S36/37 - Wear suitable protective clothing and gloves

16. OTHER INFORMATION

Risk Phrases mentioned in Section 3:

R11 - Highly flammable.
R43 - May cause sensitization by skin contact.
R37/38 - Irritating to respiratory system and skin.

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