

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: 35233 PERMA POXY 5 MINUTE GENERAL PURPOSE EPOXY (HARDENER)
Recommended use: Curing chemical
Product code: 35231, 35232, 35233

2. HAZARDS IDENTIFICATION

Classification and labelling according to Directive 67/548/EEC

Xn



Most Important Hazards: Harmful by inhalation. Irritating to eyes and skin. May cause allergic skin reaction.

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



Classification:

Acute inhalation toxicity, Category 4
Eye irritation, Category 2A
Skin sensitization, Category 1

Statements of hazard:

Warning
Harmful if inhaled
Causes serious eye irritation
May cause allergic skin reaction

Precautions for safe handling:

Keep out of the reach of children
Use only outdoors or in a well-ventilated area
Avoid breathing vapors or mists
Wear suitable gloves and eye/face protection
Wash thoroughly after handling
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 |
|--|---------|----------------|---------------------------------|---|
| MERCAPTAN AMINE BLEND TSRN 679485-6533P | >85 | Not determined | Xn:R20 Xi:R43 Xi:R36-38 | Acute Tox. 4 Eye Irrit. 2A Skin Sens. 1 |

4. FIRST-AID MEASURES

General Information:

Inhalation:

Skin Contact:

Eye Contact:

Ingestion:

Protection of first-aiders:

Notes to Physician:

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

Move to fresh air in case of accidental inhalation of vapours. Oxygen or artificial respiration if needed. Obtain medical attention.

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

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

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

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

Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy

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:

Thermal decomposition can lead to release of irritating gases and vapours.

Special protective equipment for firefighters:

Use personal protective equipment

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:

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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| Component | ACGIH; TLV-TWA | German MAK; TWA | UK WEL; TWA | Finnish OEL; HTP |
|--|----------------|-----------------|-------------|------------------|
| MERCAPTAN AMINE BLEND TSRN 679485-6533P | 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. Wash contaminated clothing before re-use.

Eyes:

Safety glasses

Hygiene Measures:

When using, do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Yellow liquid

Odor:

Mercaptan

pH:

9.5 (5% slurry in water)

Boiling point/range:

No information available

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|------------------------------|
| Melting point: | Not determined |
| Flash point: | >95°C (200°F). |
| Risk of explosion: | None reasonably foreseeable. |
| Vapor pressure: | <1 mmHg |
| Density: | 1.13 |
| Solubility in water: | Negligible |
| Partition coefficient (n-octanol/water): | Not determined |
| Vapor density: | Not determined |
| Evaporation Rate: | Not determined |
| VOC Content(%): | 0 |

10. STABILITY/REACTIVITY

| | |
|--|---|
| Stability: | Stable under normal conditions. |
| Conditions to Avoid: | Heat. |
| Materials to avoid: | Strong oxidizing agents, Amines |
| Hazardous decomposition products: | Carbon oxides, Nitrogen oxides (NOx), Amines, Ammonia |

11. TOXICOLOGICAL INFORMATION

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: | Harmful by inhalation. |
| 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 |

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: | Not regulated |
| Hazard Class: | Not applicable |
| UN/ID No: | Not applicable |

IMDG (Vessel)

| | |
|------------------------------|----------------|
| Proper shipping name: | Not regulated |
| Hazard Class: | Not applicable |
| UN/ID No: | Not applicable |
| Marine Pollutant: | None |

ADR/RID

| | |
|------------------------------|----------------|
| Proper Shipping Name: | Not regulated |
| Hazard Class: | Not applicable |
| UN/ID No: | None |

Product Name: 35233 PERMA POXY 5 MINUTE GENERAL
PURPOSE EPOXY (HARDENER)

Item No. VC1521I

15. REGULATORY INFORMATION

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

Indication of Danger: Xn - Harmful

Names of the ingredients given on the warning label:

mercaptan blend

R -phrase(s):

R20 - Harmful by inhalation

R36/38 - Irritating to eyes and skin

R43 - May cause sensitization by skin contact

S -phrase(s):

S 2 - Keep out of the reach of children

S24/25 - Avoid contact with skin and eyes

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S37 - Wear suitable gloves

S38 - In case of insufficient ventilation, wear suitable respiratory equipment

16. OTHER INFORMATION

Risk Phrases mentioned in Section 3:

R20 - Harmful by inhalation.

R43 - May cause sensitization by skin contact.

R36/38 - Irritating to eyes and skin.

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