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SAFETY DATA SHEET
according to REACH regulation 1907/2006

1. IDENTIFICATION OF THE PREPARATION

Identification of the preparation: 84101 PERMAPOXY 5 MIN.GENERAL PURPOSE EPOXY PART 2 25 ML
Item No. VC1521B
Recommended use: Curing chemical

2. HAZARDS IDENTIFICATION

Classification: Xn - Harmful
Most Important Hazards: Harmful by inhalation. Danger of serious damage to health by prolonged exposure. May cause allergic skin reaction.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	EC Number	EU Classification
MERCAPTAN AMINE BLEND MIXTURE	>85	Not determined	Xn:R48/20 Xi:R43

4. FIRST-AID MEASURES

General advice: If you feel unwell, seek medical advice (show the label where possible).
Inhalation: Move to fresh air in case of accidental inhalation of vapours. Oxygen or artificial respiration if needed. Obtain medical attention.
Skin Contact: Wash off with soap and water. Rinse immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician. Remove contaminated clothing and laundry before reuse.
Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.
Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.
Protection of first-aiders: Use personal protective equipment. Avoid contact with skin, eyes and clothing.
Notes to Physician: 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.

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 MIXTURE	Not listed	Not listed	Not listed	Not listed

Ventilation: General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product.

Respiratory Protection: An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits.

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

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

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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: Danger of serious damage to health by prolonged exposure

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

Proper Shipping Name: Not regulated
Hazard Class: Not applicable
UN/ID No: Not applicable

IMDG

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: 84101 PERMAPOXY 5 MIN.GENERAL
PURPOSE EPOXY PART 2 25 ML

Item No. VC1521B

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):

R43 - May cause sensitization by skin contact

R48/20 - Harmful: danger of serious damage to health by prolonged exposure through inhalation

S -phrase(s):

S 2 - Keep out of the reach of children

S24 - Avoid contact with skin

S36/37 - Wear suitable protective clothing and gloves

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

16. OTHER INFORMATION

Risk Phrases mentioned in Section 3:

R43 - May cause sensitization by skin contact.

R48/20 - Harmful: danger of serious damage to health by prolonged exposure through inhalation.

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