

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product name: PermaCOAT Epoxy Damp Proof Membrane BASE

Product code: ERDPM

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.3. Details of the supplier of the safety data sheet**

Company name: Permagard Products Limited
Unit B2 – B5 Worthy Road
Chittering Industrial Estate
Avonmouth
Bristol
BS11 0YB

Tel: 0117 982 3282

Fax: 0117 938 1584

Email: Sales@permagard.co.uk

1.4. Emergency telephone number

Emergency Telephone Number: 0117 982 3282
9am – 5pm
Monday – Friday

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

Classification under CLP: Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317

Most important adverse effects: Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

Toxic to aquatic life with long lasting effects.

2.2. Label elements**Label elements:**

Hazard statements:

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H411: Toxic to aquatic life with long lasting effects.

Hazard pictograms: GHS07: Exclamation mark

GHS09: Environmental



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Signal words:

Precautionary statements:

Warning

P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.

P264: Wash hands thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302+352: IF ON SKIN: Wash with plenty of water/.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321: Specific treatment (see instructions on this label).

2.3. Other hazards

PBT:

This product is not identified as a PBT/vPvB substance.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT}

| EINECS | CAS | PBT / WEL | CLP Classification | Percent |
|-----------|------------|-----------|--|---------|
| 500-033-5 | 25068-38-6 | - | Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411 | 50-70% |

PHENOL FORMALDEHYDE POLYMER GLYCIDYL ETHER

| | | | | |
|-----------|-----------|---|---|-------|
| 500-006-8 | 9003-36-5 | - | Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411 | 0-30% |
|-----------|-----------|---|---|-------|

OXIRANE, MONO[(C12-14ALKYLOXY)METHYL] DERIVATIVES

| | | | | |
|-----------|------------|---|---|--------|
| 271-846-8 | 68609-97-2 | - | Skin Irrit. 2: H315; Skin Sens. 1: H317 | 10-30% |
|-----------|------------|---|---|--------|

SECTION 4: First aid measures

4.1. Description of first aid measures

Skin contact:

Wash immediately with plenty of soap and water.

Remove all contaminated clothes and footwear immediately unless stuck to skin.

Consult a doctor.

Eye contact:

Bathe the eye with running water for 15 minutes.

Consult a doctor.

Ingestion:

Do not induce vomiting.

Wash out mouth with water.

Consult a doctor.

Inhalation:

Remove casualty from exposure ensuring one's own safety whilst doing so.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact:

There may be irritation and redness at the site of contact.

Eye contact:

There may be irritation and redness.

Ingestion:

There may be irritation of the throat.

Inhalation:

No symptoms.

Delayed / immediate effects:

Delayed effects can be expected after short-term exposure.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment:

Show this safety data sheet to the doctor in attendance.

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Eye bathing equipment should be available on the premises.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): No data available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC: No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection not required.

Hand protection: Nitrile gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

Environmental: Refer to specific Member State legislation for requirements under Community environmental legislation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Yellowish

Odour: Perceptible odour

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: partly miscible

Viscosity: Viscous

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| | | | |
|-------------------------------|--------------------|------------------------------|--------------------|
| Boiling point/range°C: | 250-300 | Melting point/range°C: | No data available. |
| Flammability limits %: lower: | No data available. | upper: | No data available. |
| Flash point°C: | >150 | Part.coeff. N-octanol/water: | No data available. |
| Autoflammability°C: | No data available. | Vapour pressure: | No data available. |
| Relative density: | 1.11 - 1.13 g/cm3 | pH: | No data available. |
| VOC g/l: | No data available. | | |

9.2. Other information

Other information: No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Conditions to avoid: Heat.
Flames.

10.5. Incompatible materials

Materials to avoid: Acids. Oxidising agents.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT}

| | | | | |
|-----|-----|------|-------|-------|
| ORL | MUS | LD50 | 15600 | mg/kg |
| ORL | RAT | LD50 | 11400 | mg/kg |
| SKN | RBT | LD50 | >20 | ml/kg |

OXIRANE, MONO[(C12-14ALKYLOXY)METHYL] DERIVATIVES

| | | | | |
|-----|-----|------|-------|-------|
| ORL | RAT | LD50 | 17100 | mg/kg |
|-----|-----|------|-------|-------|

Relevant hazards for substance:

| Hazard | Route | Basis |
|--------------------------------|-------|-----------------------|
| Skin corrosion/irritation | DRM | Hazardous: calculated |
| Serious eye damage/irritation | OPT | Hazardous: calculated |
| Respiratory/skin sensitisation | DRM | Hazardous: calculated |

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Delayed / immediate effects: Delayed effects can be expected after short-term exposure.

Other information: Not applicable.

SECTION 12: Ecological information

12.1. Toxicity

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Ecotoxicity values:

| Species | Test | Value | Units |
|--|----------|-------|-------|
| DAPHNIA | 48H EC50 | 2.1 | mg/l |
| FISH | 96H LC50 | 1.300 | mg/l |
| RAINBOW TROUT (Oncorhynchus mykiss) | 96H LC50 | 1.3 | mg/l |

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: Transport information

14.1. UN number

UN number: UN3082

14.2. UN proper shipping name

Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

14.3. Transport hazard class(es)

Transport class: 9

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: Yes

14.6. Special precautions for user

Tunnel code: E

Transport category: 3

SECTION 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

SECTION 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008.

Phrases used in s.2 and s.3:

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H411: Toxic to aquatic life with long lasting effects.

Legal disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.



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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.