



EPODURE PY100

Revision Date: 20/06/2025

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

1.1 Product Identifier

Premcrete Epodure PY10

1.2 Relevant uses of the substance or mixture and uses advised against A Chemical Anchoring Application

1.1 Details of the supplier of the data sheet

44 Macadam Way
West Portway Industrial Estate
Andover
Hampshire
SP10 3XW

sales@premcrete.com

www.premcrete.com

1.2

Emergency telephone number

+44 (0) 800 6191619

7.00am-5:00pm Mon-Fri

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification under CLP:

STOT RE 2: H373; Eye Irrit. 2: H319; Repr. 2: H361d; Skin Sens. 1: H317

Most Important Adverse Effects:

May cause an allergic skin reaction. Causes serious eye irritation. Suspected of damaging the unborn child.

May cause damage to organs [ears] through prolonged or repeated exposure [inhalation (vapour)].

2.2 Label Elements:

Hazard Statements:

H317: May cause an allergic skin reaction

H319: Causes serious eye irritation

H361d: Suspected of damaging the unborn child.

H373: May cause damage to organs [ears] through prolonged or repeated exposure [inhalation (vapor)].

Hazard Pictograms
GHS07: Exclamation Mark
GHS08: Health Hazard



Signal Words: Warning

Precautionary Statements:

P202: Do not handle until all safety precautions have been read and understood.

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

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

P308+313: IF exposed or concerned: Get medical advice/attention.

P314: Get medical advice/attention if you feel unwell.

2.3 Other Hazards:

Other Hazards:
Not Applicable

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

3. COMPOSITION INFORMATION ON INGREDIENTS

3.1 Mixtures

*Hazardous ingredients:

STYRENE – REACH registered number(s): 01-2119457861-32

EINECS	CAS	PBT / WEL	CLP Classification	Percent
202-851-5	100-42-5	-	Flam. Liq. 3: H226; Repr. 2: H361d; Acute Tox. 4: H332; STOT RE 1: H372; Skin Irrit. 2: H315; Eye Irrit. 2: H319	3-10%

DIBENZOYL PEROXIDE – REACH registered number(s): 01-2119511472-50-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
202-327-6	94-36-0	-	Eye Irrit. 2: H319; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Org. Perox. EF: H242; Skin Sens. 1: H317	1-3%

4. FIRST AID MEASURES

4.1 Description of First Aid Measures

Skin contact:

Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Consult a doctor.

Eye contact:

Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion:

Wash out mouth with water. Consult a doctor.

Inhalation:

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

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. The eyes may water profusely.

Ingestion:

There may be irritation of the throat with a feeling of tightness in the chest. There may be soreness and redness of the mouth and throat.

Inhalation:

Exposure may cause coughing or wheezing.

Delayed / Immediate Effects:

Immediate effects can be expected after short-term exposure

4.3 Indication of any immediate medical attention and special treatment needed

Immediate / Special Treatment:

Eye bathing equipment should be available on the premises.

5. FIRE-FIGHTING MEASURES

- 5.1 Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.
- 5.2 Exposed hazards:** In combustion emits toxic fumes.
- 5.3 Protection of firefighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not create dust.

6.2 Environmental precautions

Do not discharge into drains or rivers.

6.3 Methods and material for containment and cleaning up

Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4 Reference to other sections: Refer to section 8 of SDS

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Handling Requirements:

Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of dust in the air.

7.2 Conditions for safe storage including and incompatibilities

Storage Conditions:

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

Suitable Packaging:

Must only be kept in original packaging.

7.3 Specific End Use(s)

Specific End Use(s): No data available.

8. EXPOSURE CONTROL AND PROTECTION MEASURES

8.1 Control Parameters

Hazardous Ingredients:
STYRENE

Workplace Exposure Limits: Respirable Dust

State	8 Hour TWA	15 min. STEL	8 Hour TWA	15 min. STEL
UK	430mg/m3	1080mg/m3	-	-

DIBENZOYL PEROXIDE

State	8 Hour TWA	15 min. STEL	8 Hour TWA	15 min. STEL
UK	5mg/m3	-	-	-

DNEL / PNEC: No Data Available

8.2 Exposure Controls

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

Respiratory Protection:
*Self-contained breathing apparatus must be available in case of emergency. Gas/vapour filter, type A: organic vapours (EN141)

Hand Protection:
*Protective gloves. Wear solvent proof gloves. Nitrile Gloves. Rubber Gloves. Recommended thickness of material >0.4mm. Breakthrough time of the glove material > 8 hours. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Eye Protection:
Safety Glasses. Ensure eye bath is to hand.

Skin Protection:
Protective Clothing

Environmental:
Ensure all engineering measures mentioned in section 7 of SDS are in place.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

State: Paste
 Colour: Various
 Odour: Characteristic odour
 Solubility in Water: Insoluble
 Relative Density: 1.71
 VOC g/l: 2.74

9.2 Other Information: Solid suspension – classified as non-flammable according to results from Test N.1 test method for readily combustible solids.

10. STABILITY AND REACTIVITY

- 10.1** Reactivity: Stable under recommended transport or storage conditions.
- 10.2** Chemical Stability: Stable under normal conditions.
- 10.3** Hazardous Reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
- 10.4** Conditions to Avoid: Heat
- 10.5** Incompatible Materials: Strong oxidising agents. Strong acids.
- 10.6** Hazardous Decomposition Products: In combustion emits toxic fumes

11. TOXOLOGICAL INFORMATION

- 11.1** Hazardous Ingredients:

STYRENE

IVN	MUS	LD50	90	mg/kg
ORL	MUS	LD50	316	mg/kg
ORL	RAT	LD50	2650	mg/kg

DIBENZOYL PEROXIDE

ORL	RAT	LD50	2000	mg/kg
VAPOURS	RAT	LD50	24.3	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Serious Eye Damage/Irritation	OPT	Hazardous: calculated
Respiratory/Skin Sensitisation	DRM	Hazardous: calculated
Reproductive toxicity	--	Hazardous: calculated
STOT-repeated exposure	-	Hazardous: calculated

11.2 Symptoms / Route of Exposure:

Skin contact:

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

Eye contact:

There may be irritation and redness. The eyes may water profusely.

Ingestion:

There may be soreness and redness of the mouth and throat.

Inhalation:

There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / Immediate Effects:

Immediate effects can be expected after short-term exposure.

Other Information:

Not Applicable.

11.3 Toxicity:***ECOTOXICITY: GREY CATALYST COMP B**

ALGAE	72H ErC50	>60	mg/l
Daphnia magna	48H EC50	>11	mg/l
FISH	48H EC50	>7	mg/l
FISH	96H LC50	>100	mg/l

DIBENZOYL PEROXIDE

Daphnia magna	48H EC50	0.110	mg/l
ALGAE	72H ErC50	0.0711	mg/l
RAINBOW TROUT (Oncorhynchus Mykiss)	96H LC50	0.0602	mg/l

11.4 Persistence and Degradability: Biodegradable

- 11.5** Bioaccumulative Potential: No Bioaccumulation Potential
- 11.6** Mobility in Soil: Insoluble in water. Heavier than water.
- 11.7** Results of PBT and vPvB Assessment:
PBT Identification: This product is not identified as a PBT/vPvB substance.
- 11.8** Other Adverse Effects: Negligible Ecotoxicity

12. DISPOSAL CONSIDERATIONS

12.1 Waste Treatments Methods

Disposal Operations:

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

Waste Code Number: 08 04 09

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.

13. TRANSPORT INFORMATION

- 13.1** Transport Class: This product does not require a classification for transport.

14. REGULATORY INFORMATION

- 14.1** Safety, Health and Environmental Regulations/Legislation specific for the substance or the mixture
Specific Regulations: Not Applicable
- 14.2** Chemical Safety Assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

15. OTHER INFORMATION

Other Information: This safety datasheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

Active Oxygen Content of Catalyst Component 0.99%

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

Phrases used in s.2 and s.3:

H226: Flammable liquid and vapour

H242: Heating may cause fire

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H361d: Suspected of damaging the unborn child.

H372: Causes damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H373: May cause damage to organs <or state all organs affected, if known>through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H400: Very toxic to aquatic life.

H410: Very 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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