

## 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

### 1.1 Product Identifier

Material name : Epoxy Rod - Concrete  
 Product code :

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Product use : Repair mortar

### 1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Go Pro Chemicals  
 Unit 5B  
 Molesworth Business Estate  
 Molesworth  
 Cambridgeshire  
 PE28 0QG

Tel. : 01832 279279

Email (for SDSs) : info@goprochemicals.co.uk

1.4 Emergency tel. no. : 01832 279279

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

According to GB Classification, Labelling and Packaging of Substances and Mixtures Regulation (CLP):

Physical and Chemical Hazards	Not classified
Human health	Skin Irrit.2; H315; Skin Sens.1; H317; Eye Irrit.2; H319; EUH205; EUH212
Environment	Aquatic Chronic 3; H412

### 2.2 Label elements

Labelling according to GB CLP:

Signal word: Warning. Contains: Bisphenol A-(Epichlorhydrin) {Reaction product}

Pictograms:



<b>Hazard statements:</b>	H315	Causes skin irritation
	H317	May cause an allergic skin reaction
	H319	Causes serious eye irritation
	H412	Harmful to aquatic life with long-lasting effects

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## Precautionary statements:

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+P352 IF ON SKIN: Wash with plenty of water  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists get medical advice/attention.  
P273 Avoid release to the environment.  
P501 Dispose of contents/container to comply with Local, National and International regulations.

## Supplemental statements:

EUH205: Contains epoxy constituents. May produce an allergic reaction.  
EUH212: Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

**2.3 Other hazards:** The product does not contain any vPvB or PBT substances.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures:

#### Hazardous components

Chemical Name	CAS No./ EC No./ Index No./ Reg. No.	Classification (CLP)	Content
TALC	14807-96-6 238-877-9	Not classified but has a WEL.	30-50%
LIMESTONE	1317-65-3 215-279-6	Not classified but has a WEL.	30-50%
BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT}	25068-38-6 500-033-5 603-074-00-8	Skin. Irrit.2; H315 Eye Irrit. 2; H319 Skin Sens. 1; H317 Aq.Chron.2; H411	10-30%
TITANIUM DIOXIDE	13463-67-7	Not classified but has a WEL.	1-10%
DIISODECYL PHTHALATE	26761-40-0 247-977-1	Aq.Chron.4; H413	<1%

Substance classifications are taken from the GB Mandatory Classification and Labelling (MCL) list, or if absent, from supplier's information.

See Section 16 for the full text of the H-statements noted above.

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

**General advice:** Remove casualty from exposure ensuring one's own safety whilst doing so. Take off any contaminated clothing and shoes/boots immediately. Never give anything by mouth to an unconscious person.

**Skin contact:** Wash skin thoroughly with soap and warm water. Dry skin and apply replenishing cream. Seek medical advice if irritation develops.

**Eye contact:** Rinse with water for 15 minutes and seek medical advice if irritation persists.

**Ingestion:** Rinse mouth with water and give water to drink. Do not induce vomiting. Seek medical advice.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing. Remove to fresh air and seek medical advice.

**4.2 Most important symptoms and effects, both acute and delayed:** May cause irritation to skin. May cause eye irritation. May cause sensitisation.

**4.3 Indication of any immediate medical attention and special treatment needed:** See skin and eye contact information above.

## 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

Suitable extinguishing media: Product is non-flammable; use appropriate extinguishing media for the surrounding area.  
Unsuitable extinguishing media: Not applicable.

### 5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting: Irritating/toxic fumes may be released at elevated temperatures.

### 5.3 Advice for fire-fighters:

Special protective equipment: Wear self-contained breathing apparatus. Use personal protective equipment.  
Further information: Standard procedure for chemical fires. Use water spray to cool unopened containers.  
Do not allow fire run-off to enter drains.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Use personal protective equipment to deal with spillage.

### 6.2 Environmental precautions

Contain the spillage using sufficient appropriate absorbent material. Do not discharge into drains or rivers, but if contamination to waterways has occurred, inform local authorities.

### 6.3 Methods and materials for containment and cleaning up

Wipe up spillage with absorbent material such as sand, earth, or vermiculite, and place in a labelled container for disposal in accordance with local/national regulations.

**6.4 References to other sections:** See sections 8 and 13 for personal protection and disposal information.

## 7. HANDLING AND STORAGE

**7.1 Precautions for safe handling:** Avoid contact with skin and eyes. Handle with care. Avoid the formation of dust.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, well ventilated area between 5°C and 25°C. Keep container tightly closed.

**7.3 Specific end use(s):** No information available.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****8.1 Control parameters:**

Chemical name	8hr TWA	15min STEL	Information	Reference
Talc	1 mg/m <sup>3</sup>	-	Respirable dust	EH40
Limestone	10 mg/m <sup>3</sup> 4 mg/m <sup>3</sup>	- -	Inhalable dust Respirable dust	EH40
Titanium Dioxide	10 mg/m <sup>3</sup> 4 mg/m <sup>3</sup>	- -	Inhalable dust Respirable dust	EH40
Diisodecyl phthalate	5 mg/m <sup>3</sup>	-	-	EH40

**DNEL:**

Area of application	Exposure route	Titanium Dioxide
Consumer	Oral-Long term systemic effects	700 mg/kg
Workers/Employees	Inhalation-Long term local effects	10 mg/m <sup>3</sup>

**PNEC:**

Environment	Titanium Dioxide
<b>Aquatic Compartment</b>	
Fresh water	0.127 mg/l
Marine water	1 mg/l
Water-intermittent (sporadic) release	0.61 mg/l
Dry Sediment – fresh water	1000 mg/kg
Dry Sediment – marine water	100 mg/kg
<b>Terrestrial Compartment</b>	
Dry soil	100 mg/kg

**8.2 Exposure controls**

**Engineering measures:** Provide adequate ventilation to control exposure.

**Personal protective equipment**

**Respiratory protection:** Use respiratory protection suitable for organic vapours/dust if exposed to fumes/particulates above the WELs.

**Hand protection:** Wear chemically resistant gloves such as butyl rubber approved to standard EN 374; material thickness 0.5mm; break through time ≥ 480 min. Gloves must be replaced after 8 hours of wear. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Check with glove manufacturer for specific advice.

**Eye protection:** Tightly-fitting safety goggles or glasses conforming to European standard EN 166.

**Skin and body protection:** Protective overalls.

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practices. Do not eat or drink whilst using the product. Wash hands before breaks and at the end of the work day. Wash contaminated clothing before re-use.

**Environmental exposure controls:** Do not discharge into drains or rivers.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

State and colour	Dark grey paste
Odour	Sulphurous
Odour Threshold	Not determined
Flammability	Not classed as flammable
Flash point	>93°C
Lower explosion limit	No data available
Upper explosion limit	No data available
Explosive properties	Not explosive
Thermal decomposition	No data available
Auto-ignition temperature	No data available
Oxidising properties	No data available
Solubility in water	Insoluble
Solubility in other solvents	Not determined
pH	Not applicable
Melting point/range	No data available
Boiling point/range	No data available
Relative density	2.02-2.08
Vapour pressure	Not determined
Vapour density	Not determined
Partition coefficient: n-octanol/water	Not determined
Viscosity	No data available
Evaporation rate	No data available

9.2 Other information VOC content: 0 g/l

## 10. STABILITY AND REACTIVITY

10.1 Reactivity	Generally non-reactive.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	None if stored and used as directed.
10.4 Conditions to avoid	Extreme heat.
10.5 Incompatible materials	Strong bases. Strong acids. Amines. Amides.
10.6 Hazardous decomposition products	None known.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Acute toxicity: Based on available data the classification criteria are not met.

Chemical name	Oral (LD50)	Inhalation (LC50)	Dermal (LD50)
BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT}	1140 mg/kg (Rat)	No data available	>20 ml/kg (Rabbit)
TITANIUM DIOXIDE	>5000 mg/kg (Rat)	>6.8 mg/l 4h (Rat)	>5000 mg/kg(Rabbit)

Skin corrosion/irritation: Classified as Skin Irritant Category 2; H315

Serious eye damage/eye irritation: Classified as Eye Irritant Category 2; H319

Respiratory or skin sensitisation: Classified as Skin Sensitiser Category 1; H317

Repeated dose toxicity: Based on available data the classification criteria are not met.

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<b>Carcinogenicity:</b>	Based on available data the classification criteria are not met.
<b>Mutagenicity:</b>	Based on available data the classification criteria are not met.
<b>Toxicity for reproduction:</b>	Based on available data the classification criteria are not met.
<b>Specific target organ toxicity (STOT):</b>	Based on available data the classification criteria are not met.
<b>Further information:</b>	No data available.

## 12. ECOLOGICAL INFORMATION

**12.1 Toxicity** Harmful to aquatic life with long-lasting effects.

Chemical name	Species	Test	Value
TITANIUM DIOXIDE	Daphnia	EC50/LC50	>100 mg/l
	Fish	EC50/LC50	>100 mg/l
	Aquatic plants	EC50/LC50	16 mg/l
DIISODECYL PHTHALATE	Daphnia	EC50 48h	>0.02 mg/l
	Rainbow trout	LC50 96h	>0.62 mg/l

<b>12.2 Persistence and degradability</b>	Partially biodegradable. Inorganic components such as Titanium dioxide are not biodegradable.
<b>12.3 Bioaccumulative potential</b>	Low bioaccumulation potential.
<b>12.4 Mobility in soil</b>	Insoluble in water.
<b>12.5 Results of PBT and vPvB assessment</b>	No PBT or vPvB substances identified.
<b>12.6 Other adverse effects</b>	None known.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Disposal operations: Dispose of in accordance with local and national regulations. Do not dispose of waste into sewer.  
Do not dispose of together with household waste. Contact licensed waste disposal company.  
Empty containers should be taken to an approved waste handling site for recycling or disposal.  
Do not burn or use a cutting torch on the empty container.

## 14. TRANSPORT INFORMATION

Not classified as hazardous for transport purposes. UN number not required.

## 15. REGULATORY INFORMATION

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

#### UK Regulatory References

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2001 No.2677) with amendments.

GB MCL (Mandatory Classification and Labelling).

#### Statutory Instruments

The Chemicals (Hazard information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

S.I. 2020 No. 1577: The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020.

**Guidance Notes**

Health and Safety Executive Workplace Exposure Limits EH40.

**15.2 Chemical Safety Assessment**

A Chemical Safety Assessment has not been performed on this product.

**16. OTHER INFORMATION**

This safety data sheet is prepared in accordance with the requirements of the UK REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation - The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020. (S.I. 2020 No. 1577).

**Reason for revision:** regulatory references changed from Regulation (EC) No 1272/2008 (CLP) and EU REACH to GB CLP and UK REACH.

**Classification and procedure used to derive the classification for mixtures according to GB CLP:**

Physical hazards:	Not classified.
Health hazards:	Calculation method
Environmental hazards:	Calculation method

**Full text of H-statements referred to under sections 2 and 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
H412	Harmful to aquatic life with long-lasting effects
H413	May cause long-lasting harmful effects to aquatic life.

**Abbreviations and acronyms**

ACGIH: American Conference of Governmental Industrial Hygienists  
ATE: Acute Toxicity Estimate (Section 11).  
CAS: Chemical Abstract Service (division of the American Chemical Society). {Section 3}.  
DNEL: Derived No Effect Level (Section 8).  
PBT: Persistent, Bioaccumulative, Toxic. (Section 12).  
PNEC: Predicted No Effect Concentration (Section 8).  
STEL: Short-term exposure limit. (Section 8).  
STOT: Single Target Organ Toxicity (Section 11).  
TWA: Time-weighted average. (Section 8).  
vPvB: very Persistent and very Bioaccumulative. (Section 12).

**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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