

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION**

- 1.1 Product Identifier: CONSEAL CERAMIC, SL & M RESIN  
 1.2 Relevant Identified Uses: Epoxy Floor Coatings  
 1.3 Details of the supplier: Xymertec, Linton Trading Estate, Bromyard, Herefordshire, HR7 4QT  
 Telephone: +44 (0) 1885 483124  
 Email: admin@xymertec.com  
 1.4 Emergency Telephone: +44 (0) 7910 117144

**2. HAZARDS IDENTIFICATION (According to Regulation (EC) No1272/2008 [CLP])**

- 2.1 Classification of the mixture or substance  
 Physical and Chemical Hazards: Not Classified  
 Human health: Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1 - H317  
 Environment: Aquatic Chronic. 2 - H411

- 2.2 Label elements  
 Label In Accordance With (EC) No. 1272/2008:



Signal Word: Warning

Hazard Statements: H315 - Causes skin Irritation  
 H319 - Causes serious eye irritation  
 H317 - May cause an allergic reaction  
 H411 - Toxic to aquatic life with long lasting effects  
 Contains epoxy constituents, may cause an allergic reaction

Precautionary Statements  
 P261 - Avoid breathing dust/fume/gas/mist/vapours/spray  
 P280 - Wear protective gloves/clothing/eye protection/face protection  
 P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes, remove contact lenses if present and easy to do so, continue rinsing  
 P362 - Take off contaminated clothing and wash before reuse  
 P501 - Dispose of contents/container in accordance with regulations

- 2.3 Other Hazards: None Known  
 Results of PBT and vPvB assessment : This information is not required.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

- 3.1 Substances: Not Applicable  
 3.2 Mixtures - Description of the Mixture: Bisphenol A/F Blend

CAS No.	EC No.	Index No.	REACH Registration No.	Name	Classification according to Regulation (EC) No1278/2008	% By Weight
25068-38-6	N/A	603-074-00-8		Bisphenol-A-(epichlorhydrin)	Skin Irrit. 2; H315, H317 Eye Irrit. 2; H319 Aquatic Chronic 2; H411	20-40
28064-14-4	N/A	Not Known		Bisphenol-F-(epichlorhydrin)	Skin Irrit. 2; H315, H317 Eye Irrit. 2; H319 Aquatic Chronic 2; H411	10-20
68609-97-2	271-846-8	Not Known		C12-C14-alkyl glycidal ether (Oxirane, mono[(C12-14-alkyloxy)methyl]derivs	Skin Irrit. 2; H315, H317 Eye Irrit. 2; H319 Aquatic Chronic 2; H411	5-15

**4. FIRST AID MEASURES**

- 4.1 Description of first aid measures

*General information*

Take off immediately all contaminated clothing, including shoes.

*Inhalation*

Move patient from contaminated area to fresh air. Consult a physician.

*Skin contact:*

Wash immediately and thoroughly with soap and water. If skin irritation occurs, seek medical advice/attention.

*Eye contact:*

Wash open eyes immediately and thoroughly for at least 15 minutes. Consult a physician.

*Ingestion*

Do NOT induce vomiting. Consult a physician.

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

No data available

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

No data available

**5. FIRE FIGHTING MEASURES**

- 5.1. Extinguishing media

Powder, Foam, Carbon dioxide (CO2). Do not use a full water jet

- 5.2. Special hazards arising from the substance or mixture

In case of fire and/or explosion do not breathe fumes. Can form explosive gas-air mixtures. Formation of toxic products through combustion: Carbon oxides

- 5.3. Advice for firefighters

Move undamaged containers if possible. Do not allow run-off from fire fighting to enter drains or water courses. In the event of fire, wear self-contained breathing apparatus and protective suit.

- 5.4 Further information

No data available

**6. ACCIDENTAL RELEASE MEASURES**

- 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas. Keep away from heat and sources of ignition. Do not smoke. Avoid contact with the skin and the eyes.

- 6.2. Environmental precautions

Do not let product enter drains. Do not flush into surface water. Do not release into the environment. Local authorities should be advised if significant spillages cannot be contained.

- 6.3. Methods and material for containment and cleaning up

Absorb with an inert absorbent material. After cleaning, residual product can be removed with steam or hot soapy water. Recover waste water for processing later. Shovel into suitable container for disposal.

- 6.4. Reference to other sections

Collect and dispose of spillage as indicated in section 13.

**7. HANDLING AND STORAGE**

- 7.1. Precautions for safe handling

Avoid contact with skin and eyes and inhalation of vapours and mists. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. See section 2.2 for precautions

- 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Protect from freezing and direct sunlight.

- 7.3 Specific end use(s)

See section 1.2

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

- 8.1. Control Parameters

No exposure limits

- 8.2 Exposure controls

*Appropriate engineering controls*

Handle in accordance with good industrial hygiene and safety practice. Provide adequate ventilation

#### Eye/face protection

Close fitting safety goggles

#### Skin protection

Handle with gloves.

#### Body protection

Wear apron or protective clothing in case of contact

#### Respiratory protection

In case of inadequate ventilation, use suitable respiratory equipment

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

- a) Appearance Form: fluid, colour dependant on product pigment
- b) Odour: characteristic
- c) Odour Threshold: No data available
- d) pH: No data available
- e) Melting point/freezing point: No data available
- f) Initial boiling point: >200 °C
- g) Flash point: >100 °C
- h) Evaporation rate: No data available
- i) Flammability (solid, gas): No data available
- j) Upper/lower flammability or explosive limits: No data available
- k) Vapour pressure: No data available
- l) Vapour density: No data available
- m) Relative density: 1.15 g/mL at 20 °C
- n) Water solubility: not miscible
- o) Partition coefficient: noctanol/water: No data available
- p) Auto-ignition temperature: No data available
- q) Decomposition temperature: No data available
- r) Viscosity: 2000-3000 mPas at 20 °C
- s) Explosive properties: No data available
- t) Oxidizing properties: No data available

### 9.2 Other information

No data available

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

None under normal use

### 10.4 Conditions to avoid

Protect from moisture and heat

### 10.5 Incompatible materials

Strong Acids or Bases, Strong oxidising agents

### 10.6 Hazardous decomposition products

Carbon oxides, aldehydes

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

*Acute toxicity:* Oral - LD50: >2000mg/kg (rat)

Dermal - LD50: >2000mg/kg (rat)

*Skin corrosion/irritation:* Skin irritation

*Serious eye damage/eye irritation:* Eye irritation

*Respiratory or skin sensitisation:* Skin sensitisation possible

*Germ cell mutagenicity:* No data available

*Carcinogenicity:* IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

*Reproductive toxicity:* No data available

*Specific target organ toxicity - single exposure:* At high temperatures, decomposition products may cause irritation to the respiratory system

*Specific target organ toxicity - repeated exposure:* No data available

*Aspiration hazard:* No data available

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity (Aquatic)

Oral: ErC50 (72h)	>11 mg/l (Algen)
NOEC 21 d (OECD 203)	0.3 mg/l (daphnia magna)
EC50 (48h)	1.8 mg/l (daphnia magna)
LC50 (96h)	2.0 mg/l (Oncorhynchus mykiss)

### 12.2 Persistence and degradability

Not easily biodegradable

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

No data available

### 12.6 Other adverse effects

None known

## 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. The product should not be allowed to enter drains, watercourses or soil

## 14. TRANSPORT INFORMATION

### 14.1 UN number

ADR/RID: 3082      IMDG: 3082      IATA: 3082

### 14.2 UN proper shipping name

ADR/RID, IMDG, IATA: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤700))

### 14.3 Transport hazard class(es)

ADR/RID: 9      IMDG: 9      IATA: 9

### 14.4 Packaging group

ADR/RID: III      IMDG: III      IATA: III

### 14.5 Environmental hazards

ADR/RID: Yes      IMDG Marine pollutant: Yes      IATA: Yes

### 14.6 Special precautions for user

No data available

## 15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

No data available

### 15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

## 16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

H315 - Causes skin Irritation

H319 - Causes serious eye irritation

H317 - May cause an allergic reaction

H411 - Toxic to aquatic life with long lasting effects

Contains epoxy constituents, may cause an allergic reaction

### Further information

Users of products supplied by Xymertec should take appropriate measures to ensure working practices are in accordance with the Control of Substances Hazardous to Health Regulations (COSHH). All information is based on results gained from experience and tests and is believed to be accurate but is given without acceptance of liability for loss or damage attributable to reliance thereon as conditions of use lie outside our control. Users should always carry out sufficient tests to establish the suitability of any products for their intended applications. No statements shall be incorporated in any contract unless expressly agreed in writing nor construed as recommending the use of any product in conflict of any patent. All goods are supplied subject To Xymertec's General Conditions of Sale.