

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

- 1.1 Product Identifier: CONSEAL GREENCRETE RESIN
 1.2 Relevant Identified Uses: Epoxy Floor Coating
 1.3 Details of the supplier: Xymertec Ltd, 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: Acute Tox.4 - H312 H332, Skin Irrit.2 - H315, Eye Irrit.2 - H319, STOT SE.3 - H335, STOT RE.2 - H373, Asp Tox.1 H304, 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: H226 - Flammable liquid and vapour
 H304 - May be fatal if swallowed and enters airways
 H312 - Harmful in contact with skin
 H315 - Causes skin irritation
 H319 - Causes serious eye irritation
 H332 - Harmful if inhaled
 H335 - May cause respiratory irritation
 H373 - May cause damage to organs through prolonged or repeated exposure if inhaled
 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:
 P210 - Keep away from heat/sparks/open flame, no smoking
 P241 - Use explosion proof electrical equipment
 P260+261 - Do not breathe vapours, dust/fume/gas/mist/vapours/spray
 P303+361+353 IF ON SKIN: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 P301+310 - IF SWALLOWED: Immediately call a poison centre
 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
 P331 - DO not induce vomiting
 P403+235 - Store in a well ventilated place
 P280 - Wear protective gloves/clothing/eye protection/face protection
 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: Solvent containing epoxy resin 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]derivis	Skin Irrit. 2; H315, H317 Eye Irrit. 2; H319 Aquatic Chronic 2; H411	5-15
1330-20-7	215-535-7		01-2119488216-32-xxxx	Xylene	Acute Tox.4 - H312 H332 Skin Irrit.2 - H315 Eye Irrit.2 - H319 STOT SE.3 - 335 STOT RE.2 - H373 Asp Tox.1 H304 Flam Liq.3 - H226	1-2
100-41-4	202-849-4			Ethylbenzene	Flam Liq.2 - H225	<1
107-98-2	203-539-1			1-methoxy-2-propanol	Flam Liq.3 - H226 STOT SE.3 - H336	1-2

4. FIRST AID MEASURES

4.1 Description of first aid measures

General information

In case of accident or if you feel unwell, seek medical advice immediately (show label where possible). Take off immediately all contaminated clothing, including shoes.

Inhalation

Move patient from contaminated area to fresh air. If respiratory problems, artificial respiration/oxygen. Get medical attention if discomfort continues

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, get immediate medical attention. Rinse mouth and provide fresh air. Give small quantities of water. If vomiting occurs, keep head low so stomach content can't get into the lungs.

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

Thermal decomposition can liberate carbon oxides and other toxic gases or vapours. Vapours are heavier than air and may travel along the floor and form explosive mixtures with air at room temperature

5.3. Advice for firefighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire. Water spray to cool containers

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. 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

Component	STEL - 15m	TWA - 8hrs	DNELS (Inhalation)
Ethylbenzene	552mg/m ³ 125ppm (sk)	441mg/m ³ 100ppm (sk)	Long term: 180mg/kg bw/d (human) Short term: 442mg/kg bw/d (human)
Xylene	441mg/m ³ 100ppm (sk)	220mg/m ³ 50ppm (sk)	Long term: 180mg/kg bw/d (human) Short term: 442mg/kg bw/d (human)
1-methoxy-2-propanol	375mg/m ³ 100ppm (sk)	220mg/m ³ 50ppm (sk)	Long term: 369mg/kg bw/d (human) Short term: 554mg/kg bw/d (human)

8.2 Exposure controls

Appropriate engineering controls

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

Eye/face protection

Tightly fitting safety goggles tested in accordance with EN 166

Skin protection

Handle with gloves, manufactured and tested with EN 374.

Body protection

Wear apron or protective clothing in case of contact

Respiratory protection

In case of inadequate ventilation use suitable respiratory equipment with chemical respirator.

Other Protection

Wash hands at the end of each work shift, before eating, smoking, using the toilet and after contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- a) Appearance Form: fluid, grey
- b) Odour: characteristic solvent
- c) Odour Threshold: No data available
- d) pH: No data available
- e) Melting point/freezing point: No data available
- f) Initial boiling point: >100 °C
- g) Flash point: 26 °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: 800pa at 20°C
- l) Vapour density: No data available
- m) Relative density: 1.42 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: 7-10 Pas at 25 °C

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, heat, flames and other sources of ignition

10.5 Incompatible materials

Strong Acids or Bases, Strong oxidising agents

10.6 Hazardous decomposition products

Thermal decomposition may result in liberation of toxic gases.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity: Toxic dose 1 - LD 50 3523 mg/kg (oral rat)
Dermal LD50 >2000mg/kg (rabbit)
Inhalation LC50 >25mg/l/4h (rat)

Skin corrosion/irritation: Irritating

Serious eye damage/eye irritation: Causes eye irritation

Respiratory or skin sensitisation: Not sensitising

Germ cell mutagenicity: Negative

Carcinogenicity: IARC: No evidence of carcinogenicity

Reproductive toxicity: Suspected reproductive toxicant based on limited evidence

Specific target organ toxicity - single exposure: Central nervous system, liver, kidneys

Specific target organ toxicity - repeated exposure: No data available

Aspiration hazard: Fluid can enter the lungs and cause damage, harmful by inhalation, high concentrations may irritate the respiratory system, central nervous system depression. May irritate and cause stomach pains, harmful in contact with skin, vapour spray may cause temporary eye damage.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Fish - LC50 96hrs > 4000 ug/l (Rainbow Trout)
EC50 48hrs >2930 ug/l (Daphnia Magna)
NOEC >0.5mg/l

Aquatic plants - No Data Available

12.2 Persistence and degradability

Readily biodegradable

12.3 Bioaccumulative potential

Low potential for bioaccumulation, BCF<100

12.4 Mobility in soil

High potential

12.5 Results of PBT and vPvB assessment

Not Classified

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: 1866 IMDG: 1866 IATA: 1866

14.2 UN proper shipping name

ADR/RID, IMDG, IATA: RESIN SOLUTION, FLAMMABLE

14.3 Transport hazard class(es)

ADR/RID: 3 IMDG: 3 IATA: 3

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.

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H332 - Harmful if inhaled

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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.