

EPOCOTE ULTRA BASE

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

1.1 Product Identifier
Epocote Ultra- Base

1.2 Relevant uses of the substance or mixture and uses advised against
[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites;
[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen);

1.3 Details of the supplier of the data sheet
FIS Construction Products
Seymour House
Mayflower Close
Chandlers Ford
Eastleigh
Hampshire
SO53 4AR

sales@fisproducts.co.uk
www.fisproducts.co.uk

Emergency telephone number
+44 (0) 800 6191619
7.00am-5:00pm Mon-Fri

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

2.2 Classification - EC 1272/2008 Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411;

2.3 Label Elements

Hazard pictograms



Signal Word Warning

Hazard Statement Skin Irrit. 2: H315 - Causes skin irritation.
Skin Sens. 1: H317 - May cause an allergic skin reaction.
Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.

Precautionary Statement: P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
 Prevention P264 - Wash thoroughly after handling.
 P272 - Contaminated work clothing should not be allowed out of the workplace.
 P273 - Avoid release to the environment.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statement: P302+P352 - IF ON SKIN: Wash with plenty of water/ .
 Response P321 - Specific treatment (see on this label).
 P332+P313 - If skin irritation occurs: Get medical advice/attention.
 P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
 P391 - Collect spillage.

Precautionary Statement: P501 - Dispose of contents/container to
 Disposal

3. COMPOSITION INFORMATION ON INGREDIENTS

3.1 Mixture

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
bisphenol F-epoxy resin		9003-36-5	500-006-8	01-2119454392-40	70 - 80%	Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411;	

4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
Skin contact	Remove contaminated clothing. Wash off immediately with plenty of soap and water.
Ingestion	Drink 1 to 2 glasses of water. DO NOT INDUCE VOMITING.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	Ingestion may cause nausea and vomiting.

4.3 Indication of any immediate medical attention and special treatment needed

Inhalation	Seek medical attention if irritation or symptoms persist.
Eye contact	Seek medical attention if irritation or symptoms persist.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	If you feel unwell, seek medical advice (show the label where possible).

5. FIRE-FIGHTING MEASURES

- 5.1 Extinguishing media:**
Carbon oxides. Do NOT use water jet. Dry chemical. Foam. Use extinguishing media appropriate to the surrounding fire conditions.
- 5.2 Exposed Special hazards arising from the substance or mixture**
Burning produces irritating, toxic and obnoxious fumes.
- 5.3 Protection of firefighters:**
Wear self-contained breathing apparatus and protective clothing. Do not allow runoff water to enter sewers or drains.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures**
Avoid contact with skin and eyes. Ensure adequate ventilation of the working area.
- 6.2 Environmental precautions**
Do not allow product to enter drains. Do not flush into surface water. Prevent further spillage if safe.
- 6.3 Methods and material for containment and cleaning up**
Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
- 6.4 Reference to other sections**
See section 8 for further information.
See section 13 for further information.

7. HANDLING AND STORAGE

- 7.1 Precautions for safe handling**
Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.
- 7.2 Conditions for safe storage including and incompatibilities**
Keep containers tightly closed. Keep in a cool, dry, well ventilated area. Store in original container.
- 7.3 Specific end use(s)**
See section 1.2 for further information.

8. EXPOSURE CONTROL AND PROTECTION MEASURES

8.1 Control parameters

No exposure limit known. If this product contains ingredients with exposure limits, personal workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures. This product does not contain any relevant quantities of materials with critical values that have to be monitored in the workplace.

8.2 Exposure controls



8.3 Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.4 Individual protection measures

Wear suitable protective equipment. Keep away from food, drink and animal feedingstuffs.

Eye / face protection

Safety glasses.

Skin protection - Handprotection

Wear suitable gloves. Butyl rubber gloves. Nitrile rubber gloves.

Skin protection - Other

Wear suitable protective clothing.

Respiratory protection

Not normally required. Wear suitable respiratory equipment when necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Viscous liquid.
Colour	Various
Odour	Slight
Odour threshold	No data available
pH	No data available
Melting point	No data available
Freezing Point	No data available
Initial boiling point	No data available
Flash point	200 °C
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	1.32 (H ₂ O = 1 @ 20 °C)
Fat Solubility	No data available
Partition coefficient (n-octanol/water)	No data available
Autoignition temperature	No data available
Viscosity	No data available

Explosive properties	No data available
Oxidising properties	No data available
Partition coefficient	No data available
Solubility	Insoluble in water

9.2 Other information

Conductivity	No data available
Surface tension	No data available
Softening point	No data available
Gas group	No data available
Benzene Content	0 %
Lead content	0 %
VOC (Volatile organic compounds)	0 g/l

10. STABILITY AND REACTIVITY

- 10.1** Reactivity:
Stable under normal conditions
- 10.2** Chemical stability
Stable under normal conditions.
- 10.3** Possibility of hazardous reactions
No data is available on this product.
- 10.4** Conditions to avoid
Heat will increase pressure in sealed containers.
- 10.5** Incompatible materials
Carbon oxides.
- 10.6** Hazardous decomposition products
Will not decompose if stored and used as recommended.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects

Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	Irritating to eyes.
Respiratory or skin sensitisation	May cause sensitisation by skin contact.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported. No cumulative effects reported.
Reproductive toxicity	No teratogenic effects reported.
Repeated or prolonged exposure	Sensitizer, Skin.

12. ECOLOGICAL INFORMATION

- 12.1** Persistence and degradability
Not readily biodegradable.
- 12.2** Bioaccumulative potential
Low.
- Partition coefficient
Epocote Ultra - Base No data available
- 12.3** Mobility in soil
No data is available on this product.
- 12.4** Results of PBT and vPvB assessment
No data is available on this product.
- 12.5** Other adverse effects
Toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

- 13.1** Waste treatment methods
Dispose of as special waste in compliance with all local and national regulations.

General information

08 02 99 wastes not otherwise specified.

Disposal methods

The generation of waste should be avoided or minimised wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. Waste packaging should be recycled if possible. Incineration should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned. Empty containers or liners may still contain residue. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Disposal of packaging

Do not empty into drains. Do NOT reuse empty containers. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

14. TRANSPORT INFORMATION

Hazard pictograms



- 14.1** UN number
UN3082
- 14.2** UN proper shipping name
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol F Epoxy Resin)
- 14.3** Transport hazard class(es)
- | | |
|-----------------|---|
| ADR/RID | 9 |
| Subsidiary risk | - |
| IMDG | 9 |
| Subsidiary risk | - |
| IATA | 9 |
| Subsidiary risk | - |
- 14.4** Packing group
Packing group III
- 14.5** Environmental hazards
- 14.6**
- | | |
|-----------------------|-----|
| Environmental hazards | Yes |
| Marine pollutant | Yes |
- 14.7** Special precautions for user
Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of a spillage.
- 14.8** Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
See regulatory information for transport approvals.
- | | |
|-----------------|---------|
| ADR/RID | |
| Hazard ID | 90 |
| Tunnel Category | (E) |
| IMDG | |
| EmS Code | F-A S-F |

IATA	
Packing Instruction (Cargo)	964
Maximum quantity	450 L P
Packing Instruction (Passenger)	964
Maximum quantity	450 L

15. REGULATORY INFORMATION

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

Regulations

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

15.2 Chemical safety assessment

This product contains substances for which Chemical Safety Assessments are still required.

16. OTHER INFORMATION

Other information

Text of Hazard Statements in Section 3

Skin Irrit. 2: H315 - Causes skin irritation.
Skin Sens. 1: H317 - May cause an allergic skin reaction.
Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.

Maximum content of VOC 0 g/l.

The above information is believed to be correct but 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 product.