

Material Safety Data Sheet

Date prepared: 27/08/2003

Date revised: No 1

MULTI PURPOSE EPOXY RESIN



ABL (STEVENS) Resin & Glass
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1. Identification of the product and the company.

Substance or preparation trade name: MULTI PURPOSE EPOXY RESIN

Unique reference numbers(s):

Company/undertaking name & address: As above

Telephone: 01270 766685

Emergency telephone number:

2. Information on ingredients

Substance Name	Value	CAS No	Symbol	R-Phrases
Product de reaction: bisphenol-F epichlorhydrine. Resins epoxidigues poids	>50%	055492-52-9	X,N	36/38-43-51/53
C13/C15-Alkylglycidylether	<15%	068081-84-5	X,N	36/38-43-51/53
Reactin product. Bisphenol A Epichlorhydrin, epoxy resin Number average molecular weight <=700	<25%	025068-38-6/500-033-5/603-074-00-8	X,N	36/38-43-51/53

3. Hazards Identification

Risk phrases:

Environmental hazard:

Primary route of exposure:

Symptoms relating to use:

- Inhalation
- Skin contact
- Eye contact
- Ingestion

Irritating to eyes and skin. May cause sensitization by skin contact

Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

Skin contact

None

Initial moderate skin irritation. Prolonged or repeated skin contact with the material will remove natural oils which leads to a dermatitis.

Contact with eyes is likely to be irritating.

Abdominal pain, nausea.

4. First aid measures

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Inhalation:	Assure fresh air breathing
Skin contact:	wash skin thoroughly with mild soap and water, seek medical attention if irritation develops.
Eye contact:	Rinse immediately with plenty of water.
Ingestion:	Do not induce vomiting. If swallowed seek medical advise immediately and show container label

5. Fire fighting measures

Suitable extinguishing media:	Foam. Dry chemical. Carbon dioxide
Surrounding fires:	Use water spray or fog for cooling exposed containers.
Protection against fire: equipment	Do not enter fire area without proper protection. Respiratory protection may be necessary.
Special procedures: to	Exercise caution when fighting any chemical fire. Avoid (reject) fire fighting water enter environment.

6. Accidental release measures

Personal precautions:	Equip cleanup crew with proper protection. Respiratory protection equipment may be necessary
Environmental precautions:	Prevent entry to sewers and public waters.
Methods for cleaning:	Clean up any spills as soon as possible, using an absorbent material to collect it, use suitable disposable containers

7. Handling and storage

Precautions in handling and storage:	Both local exhaust and general room ventilation are usually required.
Storage:	Store in dry well ventilated areas.
Handling:	Handle in accordance with good industrial hygiene and safety procedures. Ensure prompt removal from skin eyes and clothing. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

8. Exposure Controls / Personal protection

Personal protection:	
Respiratory protection:	No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
Skin protection:	Gloves
Eye protection:	Safety glasses
Ingestion:	When using, do not eat drink or smoke.

9. Physical and chemical properties

Appearance:	Liquid
Colour:	Colourless to light yellow
Odour:	Mild
Density:	1.10
Vapour pressure (hPa):	No data
Vapour pressure mm/hg:	No data
Viscosity:	<3000 mPa.s
Solubility in water:	Material nearly insoluble in water.
Flash point (°C):	>150

10. Stability and reactivity

Hazardous reactions:	Reacts with strong oxidizing agents. Bases
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11. Toxicological information

Rat oral LD50 (mg/kg)	No data
Rabbit dermal LD50 (mg/kg)	No data
Rat inhalation (mg/kg)	No data
Rat inhalation LC50 (mg/l/4h)	No data

12. Ecological information

Ecological effects information:	Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
LC50-96 Hour-fish (mg/l)	No data
48 hour-EC50-Daphnia magna (mg/l)	No data

13 Disposal Considerations

Disposal:	Avoid release to the environment. Dispose of this material and its container at hazardous or special waste collection point. Despose in a safe manner in accordance with local/national regulations.
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14. Transport information

Shipping name:	UN3082 MATIERE DANGEREUSE DU POINT DE VUE DE L'ENVIRONNEMENT LIQUIDE, N.S.A.9.111
UN No:	3082
HI No:	90
ADR/RID	Group 111 Class 9

15. Regulatory information

Symbols:	Irritant Dangerous to the environment.
R Phrases:	R36/38- Irritating to eyes and skin. R43 May cause sensitization by skin contact. R51/53- Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
S Phrases:	S24- Avoid contact with skin S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37- Wear suitable gloves. S59- Refer to manufacturer supplier for information on recovery/recycling.

16. Other Information

Recommendations/restrictions:	None
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