

# Material Safety Data Sheet

Date prepared: 18/06/2003

Date revised: No 1

## CLEAR CASTING EPOXY RESIN



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

Substance or preparation trade name: CLEAR CASTING EPOXY RESIN  
Trade name: CER  
Company/undertaking name & address: As above  
Type of product: Epoxy resin

Telephone: 01270 766685  
Emergency telephone number:

### 2. Information on ingredients

Substance Name	Value	CAS No	Symbol	R-Phrases
C13/C15-Alkylglycidylether	>10%	068081-84-5	Xi,N	36/38-43-51/53
Reaction product. Bisphenol A Epichlorhydrin, epoxy resin Number average molecular weight <=700	<95%	025068-38-6/500-033-5/603-074-00-8	X,N	36/38-43-51/53

### 3. Hazards Identification

Risk phrases: Irritating to eyes and skin. May cause sensitization by skin contact  
Environmental hazard: Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.  
Primary route of exposure: Skin contact  
Symptoms relating to use:  

- Inhalation: None
- Skin contact: Initial moderate skin irritation. Prolonged or repeated skin contact with the material will remove natural oils which leads to a dermatitis.
- Eye contact: Contact with eyes is likely to be irritating.
- Ingestion: Abdominal pain, nausea.

### 4. First aid measures

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.

# Material Safety Data Sheet

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Ingestion: Do not induce vomiting. If swallowed seek medical advise immediatly 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:	Exercise caution when fighting any chemical fire. Avoid (reject) fire fighting water to 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:	Clear
Odour:	Mild
Density:	1.10
Vapour pressure (hPa):	No data
Vapour pressure mm/hg:	No data
Viscosity:	<1200 mPa.s
Solubility in water:	Material nearly insoluble in water.
Flash point (°C):	>100

## 10. Stability and reactivity

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

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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:	Environmentally hazardous substance, liquid, n.o.s.
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  
The contents and format of this MSDS are in accordance with EEC Commission Directive 2001/58/EC.

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