



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION SUBSTANCE/PREPARATION AND COMPANY

Product Name J-FIX STYRENE FREE RESIN (380, 300 & 150 ml)
Chemical Name & Synonyms Epoxy Acrylate Resin
Company Owlett-Jaton, Unit 07 Princess Court, Horrace Rd, Kingston, Surrey, KT1 2SL
Information and emergencies 020 8546 6545

2. COMPOSITION/INFORMATION OF INGREDIENTS

Hazardous Components:	Cas Number	Percentage	
2-Hydroxyethyl Methacrylat	868-77-9	1-10%	(Xi) R36/38; (Sens) R43
4-T-Butylvinylbenzene		1-10%	(Xi) R36/37/38; (N) R51/53

3. HAZARDS IDENTIFICATION

May cause sensititation by skin contact. Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.

4. FIRST AID MEASURES

Symptoms

Skin There may be irritation and redness at the site of contact
Eye Contact There may be irritation and redness
Ingestion There may be soreness and redness of the mouth and throat
Inhalation There may be irritation of the throat with a feeling of tightness in the chest

Measures

Skin Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Consult a doctor.
Eye Contact Bathe eye with running water for 15 minutes. Consult a doctor.
Ingestion Do not induce vomiting. If conscious give half a litre of water to drink immediately. Consult a doctor.
Inhalation Remove casualty from danger ensuring own safety while doing so. Consult a doctor.

5. FIRE FIGHTING MEASURES

Extinguishing Media Carbon Dioxide, Alcohol or polymer foam
Exposure Hazards In combustion emits toxic fumes of Carbon Dioxide and Carbon Monoxide
Fire Fighting Equipment Self contained breathing equipment and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Refer to section 8 for personal protection details
Environmental Precautions Do not discharge into drains or rivers
Clean up procedures Transfer to a closable, labelled, salvage container for disposal by an appropriate method

7. HANDLING AND STORAGE

Handling requirements Ensure there is sufficient ventilation in the area
Storage conditions Store in cool, ventilated area. Keep container tightly closed. Keep away from direct sunlight.
Suitable packaging Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures Ensure there is sufficient ventilation in the area
Respiratory protection Respiration protection not required
Hand protection Protective gloves
Eye protection Safety goggles
Skin protection Protective clothing

9. PHYSICAL/CHEMICAL PROPERTIES

State	Paste	Also soluble in	Most organic solvents
Colour	Brown	Viscosity	Viscous
Odour	Characteristic odour	Boiling point/range °C	198
Evaporation Rate	Slow	Flash point °C	80
Oxidising	Non-oxidising (by EC criteria)	Relative density	1.6
Solubility in water	Insoluble		

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions. May polymerise under exposure to light.
Conditions to avoid	Direct sunlight. Heat. Flames
Materials to avoid	Strong oxidising agents
Hazardous decomposition products	In combustion emits toxic fumes of Carbon Dioxide / Carbon Monoxide

11. TOXICOLOGICAL INFORMATION

Hazardous Ingerdients	2-Hydroxyethyl Methacrylate IPR RAT LD50 1250mg/kg ORL MUS LD50 3275 mg/kg ORL RAT LD50 5050 mg/kg
Chronic toxicity	May cause sensititation by skin contact
Routes of exposure	Refer to section 4 for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Mobility	Insoluble in water
Persistence and Degradability	Only slightly biodegradable
Bioaccumulative potential	No data available

13. DISPOSAL CONSIDERATIONS

Disposal operations	D1 tipping above or underground (e.g. landfill etc.)
N.B.	The user attention is drawn to the possible existance of regional or national regulations regarding disposal

14. TRANSPORT INFORMATION

ADR / RID
IMDG / IMO
IATA / ICAO

15. REGULATORY INFORMATION

Labelling:



Irritant

Risk Phrases	R43 R52/53	May cause sensititation by skin contact Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment
Safety Phrases	S2 S24 S29 S37	Keep out of reach of children Avoid contact with skin Do not empty into drains Wear suitable gloves

16. OTHER INFORMATION

Risk Phrases used in S2	R36/38 R43 R36/37/38 R51/53	Irritating to eyes and skin May cause sensititation by skin contact Irritating to eyes, respiratory system, and skin
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The above information has been compiled from that provided by our suppliers and other sources. None of the original information relating to hazards or potential hazards has been omitted and so the absence of a particular reference merely implies either that such information has not been determined or that it is not applicable. Should amendments become necessary, these will be published in future issues. The above information is furnished without warranty of any kind. Users should consider this data only as a supplement of other information gathered by them and make independent determination of suitability and completeness of information from all sources to ensure proper use and disposal of these materials and the safety of employees and customers.



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