

**J-Fix Epoxy Acrylate Styrene Free Injection Resin****1. Identification of the substance/preparation and the company/undertaking****1.1 Identification of the substance/preparation**

J-Fix Epoxy Acrylate Styrene Free Injection Resin

**1.2 Use of the substance**

Injection resin

**1.3 Company**

JCP Construction Products  
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Tel +44 208 546 6545  
Fax +44 208 546 6019

email [jcpenquiries@owlett-jaton.com](mailto:jcpenquiries@owlett-jaton.com)**1.4 Telephone number for emergencies**

Tel +44 208 546 6545

**2. Hazards identification**

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

**3. Composition/information on ingredients**

Hazardous Ingredients	Cas No. EINECS No	Conc in %	Hazard Symbol	Risk Phrase
Vinyl Toluene (Mixed Isomers)	25013-15-4 246-562-2	10-20%	Xi, Xn	R10. R20, R36/37/38

**4. First Aid measures**

- 4.1 Skin** There may be irritation and redness at the site of contact  
Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap
- 4.2 Eye Contact** There may be irritation and redness  
Bathe eye with running water for 15 minutes. Consult a doctor.
- 4.3 Ingestion** There may be soreness and redness of the mouth and throat  
Do not induce vomiting. If conscious give half a litre of water to drink immediately. Consult a doctor.
- 4.4 Inhalation** There may be irritation of the throat with a feeling of tightness in the chest  
Remove casualty from danger ensuring own safety while doing so. Consult a doctor.

**5. Fire fighting measures**

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

**6. Accidental release measure**

- 6.1 **Personal precautions** Refer to section 8 for personal protection details
- 6.2 **Environmental Precautions** Do not discharge into drains or rivers. Contain the spillage.
- 6.3 **Clean up procedures** Transfer to a closable, labelled, salvage container for disposal by an appropriate method

**7. Handling and Storage**

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

**8. Exposure controls /personal protection**

- 8.1 **Engineering measures** Ensure there is sufficient ventilation in the area
- 8.2 **Respiratory protection** Respiration protection is recommended where concentrations are likely to exceed the operator exposure standards
- 8.3 **Hand protection** Protective gloves
- 8.4 **Eye protection** Safety goggles
- 8.5 **Skin protection** Protective clothing

**9. Physical and Chemical properties**

<b>State</b>	Paste	<b>Also soluble in</b>	Most organic solvents
<b>Colour</b>	Variable	<b>Viscosity</b>	Viscous
<b>Odour</b>	Characteristic odour	<b>Boiling point/range °C</b>	168
<b>Evaporation Rate</b>	Slow	<b>Flash point °C</b>	49
<b>Oxidising</b>	Non-oxidising (by EC criteria)	<b>Autoflammability °C</b>	575
<b>Solubility in water</b>	Insoluble	<b>Relative density</b>	1.65

**10. Stability and Reactivity**

- 10.1 **Stability:** Stable under normal conditions. May polymerise under exposure to light.
- 10.2 **Conditions to avoid** Direct sunlight. Heat. Flames
- 10.3 **Materials to avoid** Oxidising agents, Acids, Bases
- 10.4 **Haz. Decomp. products** In combustion emits toxic fumes of Carbon Dioxide / Carbon Monoxide

**11. Toxicological information**

- 11.2 **Chronic toxicity** Danger of serious damage risk to health by prolonged exposure through inhalation
- 11.3 **Routes of exposure** Refer to section 4 for routes of exposure and corresponding symptoms.

**MATERIAL SAFETY DATA SHEET**

## 12. Ecological information

- 12.1 Mobility** Insoluble in water. Heavier than water
- 12.2 Persistence and Degradability** Expected to biodegrade in a waste water treatment plant
- 12.3 Bioaccumulative potential** No Bioaccumulation potential

## 13. Disposal considerations

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

## 14. Transport information

- ADR / RID**  
Shipping name Not classified as dangerous in the meaning of the Transport Regulations
- IMDG / IMO**  
Marine Pollutant No
- IATA / ICAO**  
Un No. -

## 15. Regulatory information

- Hazard symbols** No significant hazard
- Safety Phrases** S2 Keep out of reach of children  
S23 Do not breath vapours  
S37/39 Wear suitable gloves and eye/face protection

The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The users attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable nation, international and local regulations or provisions

## 16. Other information

- Risk Phrases used in S2** R10 Flammable  
R20 Harmful by inhalation  
R36/37/38 Irritating to eyes, respiratory system, and skin

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.