

**Material Safety Data Sheet.**

**1. Identification of the substance / preparation and of the company.**

1.1 Identification of the substance / preparation.

XYLENE BASED ACRYLIC CURING & SEALING SOLUTION

1.2 Intended use.

Curing fresh concrete and sealing hardened concrete.

1.3 Company details

PICS Ltd  
Unit 2  
Red Shute Hill Industrial Estate  
Hermitage  
Berkshire  
RG18 9QL  
Tel: 01635 202224  
Fax: 01635 202230  
Web: [www.picsuk.com](http://www.picsuk.com)

**2. Composition / Information on ingredients.**

2.1 Main components

<b>Product</b>	<b>CAS Number</b>
Xylene	1330-20-70
Acrylic polymer	

**3. Hazards identification.**

Classified as Harmful  
R 10 Flammable  
R 20/21 Harmful by inhalation and in contact with skin  
R 38 Irritating to skin

#### **4. First-aid measures.**

- 4.1 **Eye contact**  
Wash eyes immediately with clean water for several minutes. Then consult a doctor.
- 4.2 **Skin Contact**  
Wash the affected area thoroughly with soap and water before continuing.
- 4.3 **Ingestion**  
Wash out mouth with water and give patient plenty of water to drink. Do not induce vomiting; call for medical help immediately.
- 4.4 **Inhalation**  
Supply fresh air. Consult doctor if symptoms persist.

#### **5. Firefighting measures.**

- 5.1 **Suitable extinguishing agents**  
Foam, carbon dioxide, fire extinguishing powder.
- 5.2 **Unsuitable extinguishing media for safety reasons**  
Water jet.
- 5.3 **Protective equipment**  
Firefighters wear self-contained respiratory protective device.

#### **6. Accidental release measures.**

- 6.1 **Personal precautions**  
Wear relevant PPE.
- 6.2 **Environmental protection**  
Do not allow to enter sewer, surface or ground water.
- 6.3 **Cleaning up**  
Absorb with liquid binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated waste according to item 13.

## **7. Handling and storage.**

- 7.1 **Handling**  
Ensure good ventilation / exhaustion at the workplace.
- 7.2 **Storage**  
Must be stored in tightly sealed containers
- 7.3 **Fire and explosion protection**  
Keep away from sources of ignition. Do not smoke. Protect against electrostatic charges.

## **8. Exposure controls / personal protection.**

- 8.1 **Exposure limit values**  
OES  
Short term value 441 mg/m<sup>3</sup>, 100 ppm  
Long term value 220 mg/m<sup>3</sup>, 50ppm
- 8.2 **Respiratory protection**  
Where exposure levels exceed the OEL, suitable respiratory protective devices must be worn.
- 8.3 **Eye protection**  
Tightly sealed goggles.
- 8.4 **Skin protection**  
Protective gloves.

## **9. Physical and chemical properties.**

Appearance	Fluid
Odour	Characteristic
PH	N/A
Viscosity	Dynamic at 20°C <0.61 mPas
Freezing point	N/A
Boiling point	137-143°C
Melting point	N/A
Flash point	30°C
Explosion limits	Lower 1.1 vol%      Upper 7 vol%
Density	>0.87 g/cm at 20°C
Solubility in water	0.2 g/l

## **10. Stability and reactivity.**

- 10.1 **Dangerous reactions**  
Reacts with strong oxidising agents
- 10.2 **Dangerous decomposition products**  
Carbon monoxide and carbon dioxide. Poisonous gasses / vapours.

## **11. Toxicological information.**

- 11.1 **LD/LC50 values relevant for classification**  
Oral LD50 4300 mg/kg (rat)  
Dermal LD50 2000 mg/kg (rabbit)
- 11.2 **Primary irritant effect**  
Irritant to the skin and mucous membrane.

## **12. Ecological information.**

Insoluble in water. Non biodegradable. Water hazard class 2 (German regulation).  
Aquatic toxicity: LC50 (96u) 165 ppm (daphnia)

## **13. Disposal considerations.**

Must not be disposed of together with household waste. Do not allow product to reach sewerage system. Unclean packaging must be disposed of in accordance with official regulations.

**14. Transport information.**

- 14.1 **Land transport**  
ADR/RID class: 3 flammable liquids  
Danger code: 30  
UN-number: 1307  
Packaging group: III  
Hazard label: 3  
Description of goods: Xylene based acrylic sealers
- 14.2 **Marine Transport**  
IMDG class: 3  
UN-number: 1307  
Packaging group: III  
Label: 3  
Shipping name: Xylene based acrylic sealers  
EMS number: F-E, S-D
- 14.3 **Air transport**  
ICAO/IATA class: 3  
UN/ID number: 1307  
Label: 3  
Packaging group: III  
Shipping name: Xylene based acrylic sealers

**15. Regulatory information.**

**Classification – Xn Harmful**

- 15.1 **Risk phrases**  
10 Flammable  
20/21 Harmful by inhalation and by contact with skin 38  
Irritating to skin

**16. Other information**

- 16.1 If the material is redistributed for sale, details of its hazards and recommended methods for safe handling should be available to all sites and / or customers.
- 16.2 The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The company shall not be held liable for any damage resulting from handling or from contact with the above product.