



## Building Solutions

Ceramic tile adhesives  
and grouts, waterproofing  
and repair products

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### Melbourne

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## MATERIAL SAFETY DATA SHEET

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Issued: 01/07/2012  
Code: Red

### IDENTIFICATION

Product Name: **SOLVENT**  
UN Number: 1307  
Dangerous Goods Class: 3.2  
Subsidiary Risk Class: Not Listed  
Hazchem Code: 3(Y)  
Packaging Group: III  
Poisons Schedule: 8  
Use: As a thinner.

**Classified as hazardous according to criteria of Worksafe Australia.**

### Physical Description/Properties

Appearance: Colourless, mobile liquid, strong odour  
Boiling Point (°C): Range 138 - 143  
Vapour Pressure (kPa): 1.0 @ 20°C  
Specific Gravity: 0.95 @ 15°C  
Flash Point (°C): 24 ABEL  
Flammability Limits: LEL: 1.0 UEL: 7.0  
Solubility in Water: Below 0.1% mass

Ingredients	CAS No.	Proportion
Xylene	1330-20-7	100%

### HEALTH HAZARD INFORMATION

#### Health Effects

**Swallowed** – May cause irritation to mouth, throat and digestive tract.  
Large dose may cause drowsiness and may lead to unconsciousness.

**Eye** – May be irritating to the eyes.

**Skin** – Irritant. Avoid prolonged or repeated contact as may cause dermatitis.

**Inhaled** – Vapour is irritant to mucous membranes and respiratory tract.  
Vapours can affect the central nervous system and result in headaches and dizziness. High concentrations of vapour, if exposure is prolonged, may cause unconsciousness. Aspiration of liquid into lungs can cause serious (even fatal) pneumonitis.

#### First Aid

**Swallowed** – If poisoning occurs, contact a doctor or Poisons Information Centre. If swallowed, do not induce vomiting. Give a glass of water. If any suspicion of aspiration into lungs, obtain medical advice immediately.

**Eye** – Irrigate with copious quantities of water. If soreness or redness persists, seek medical attention.

**Skin** – Wash off with soap and water. Remove contaminated clothing and launder before re-use.



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# SOLVENT

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**Inhalation** – Move to fresh air, keep warm and at rest. Seek medical attention. Apply artificial respiration if not breathing.

### Advice to Doctors

Because of risk of aspiration, gastric lavage should only be undertaken after endotracheal intubation.

## PRECAUTIONS FOR USE

**Exposure Limits** – 100ppm 8 hour time weighted average.

**Ventilation** – Avoid breathing vapour. Use in well ventilated area. Local exhaust ventilation usually required. Ensure ventilation is adequate to maintain air concentrations below exposure standards.

**Personal Protection** – Avoid eye and skin contact. Wear chemical goggles or faceshield. Wear breathing apparatus in confined areas.

**Flammability** – Avoid heat and sources of ignition. Prevent build-up of flammable vapours.

## SAFE HANDLING INFORMATION

**Storage and Transport** – Avoid contact with strong oxidizing agents. Store in cool well ventilated area away from heat and ignition sources. Containers should always be kept in storage properly labeled. Store only original containers.

**Spills and Disposal** – Keep public away. Extinguish all ignition sources. For major spills, dam and recover. Prevent entry into drainage systems, rivers etc. Collect with absorbent material such as sand, earth or sawdust. Warn occupants downwind. Advise authorities. Ensure waste disposal conforms with local waste disposal regulations. After recovery and evaporation, remaining soil may be disposed of to approved landfill, or if approved, allowed to degrade insitu.

**Fire/Explosion Hazard** – Flammable liquid. Combustion products include oxides of carbon. Use foam, CO<sub>2</sub>, dry powder fire extinguishers. Use water sprays to cool fire exposed surfaces and any adjacent storage vessels. Shut off source of product if it is safe to do so. Remove sources of re-ignition. Vapour/air mixture may ignite explosively. Flashback along vapour trail may occur.

All information in this data sheet is as accurate and up-to-date as possible. Since Construction Chemicals cannot anticipate or control the conditions under which this information may be used, each user should review the information in the specific context of the intended application. Construction Chemicals will not be responsible for damages of any nature resulting from use of or reliance upon the information.