

**Building Solutions**

**Ceramic tile adhesives  
and grouts, waterproofing  
and repair products**

info@constructionchemicals.com.au  
www.constructionchemicals.com.au

**Adelaide**  
49-57 Davis St  
Wingfield SA 5013  
Phone (08) 8243 7888  
Fax (08) 8243 7800

**Brisbane**  
45 Coulson St  
Wacol QLD 4076  
Phone (07) 3271 2944  
Fax (07) 3271 3892

**Darwin**  
4/4 Aristos Pl  
(off Farrell Cres)  
Winnellie NT 0820  
Phone (08) 8947 1811  
Fax (08) 8947 1819

**Melbourne**  
11 Gabrielle Ct  
Bayswater North VIC 3153  
Phone (03) 9761 4711  
Fax (03) 9761 4748

**Perth**  
11 Collie St  
Welshpool WA 6106  
Phone (08) 9356 9999  
Fax (08) 9356 9955

**Sydney**  
31-33 Newton Rd  
Wetherill Park NSW 2164  
Phone (02) 9756 3533  
Fax (02) 9756 3534

**Auckland**  
16 Carpenter Rd  
East Tamaki  
Phone (09) 273 5444  
Fax (09) 273 5442

**Kuala Lumpur**  
Lot 2 Jalan Kecapi  
33/2 Elite Industrial Estate  
Off Jalan Bukit Kemuning  
40000 Shah Alam  
Phone (603) 5122 2522  
Fax (603) 5122 2526

**MATERIAL SAFETY DATA SHEET**

Issued 01/07/2012  
Code Red

**IDENTIFICATION**

Product Name: **MICRO SEAL**  
UN Number: 1993  
Dangerous Goods Class: 3  
Subsidiary Risk Class: Not Listed  
Hazchem Code: 3(Y)  
Packaging Group: III  
Poisons Schedule: S5  
Use: A clear penetrating sealer for porous surfaces.

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

**Physical Description/Properties**

Appearance: Water-white liquid. Slight kerosene odor.  
Boiling Point (°C) : Range 153-178  
Vapour Pressure(kPa): 0.574 @ 38°C  
Specific Gravity: 0.75  
Flash Point(°C): 38 Tag closed cup.  
Flammability Limits: LEL: 0.6 UEL: 7.0  
Solubility in Water: Negligible

<b>Ingredients</b>	<b>CAS No.</b>	<b>Proportion</b>
Hydrocarbon Solvent	90622-57-4	90 %
Polysiloxane		to 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** - Vapor is irritant to mucous membranes and respiratory tract. Vapors can affect the central nervous system and result in headaches and dizziness. High concentrations of vapor, 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 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.

**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** - 300 ppm 8 hour time weighted average.

**Ventilation** - Avoid breathing vapor. 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 or if susceptible.

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

**SAFE HANDLING INFORMATION**

**Storage and Transport** - Avoid contact with strong oxidising agents. Store in cool well ventilated area away from heat and ignition sources. Containers should always be kept in storage properly labelled. Store only in 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. Vapor/Air mixture may ignite explosively. Flashback along vapor 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.