



SAFETY DATA SHEET

CONCRETE SEALER CLEAR

800C

Date of Issue: 09/03/2018

(Valid 5 Years)

Revision: 17

IDENTIFICATION

Chemical Name:	Resin in Solvent Solution	Packing Group:	III
UN No.	1866	Hazchem Code:	3 (Y)
Dangerous Goods:	3.1	Primary Supplier:	ALL PURPOSE COATINGS PTY LTD
Product Use:	Sealer for concrete	CAS Number:	64742
Poisons Schedule:	6	Molecular Weight:	92.134 AMU

PHYSICAL DATA

Appearance & Odour:	Water White. Distinctive Odour	Boiling Point:	110 - 111 Deg.C
Auto ignition:	550 Deg.C	Aromatics:	74.5%
Melting Point:	Not Applicable	Vapour Pressure:	16.6mmHg @ 15 Deg.C
Percent Volatiles:	74% Xylene & Shell Sol A (R100)	Specific Gravity:	0.872 @ 15 Deg.C
Flammability Limits:	LEL: 1.3% v/v UEL: 7.0% v/v	Evaporative Rate:	Not Applicable
Solubility (Water):	Negligible	Flash Point	44 Deg.C

INGREDIENTS

Ingredients – Acrylic Resin Solution	Name CAS	Proportion
Naphtha, Xylene	1330-20-7	30-60%
Ethylbenzene		0-5%
Bispentamethyl		0-5%

Ingredients determined not to be hazardous

HEALTH HAZARD INFORMATION

Acute Affects

Swallowed: Moderately toxic. Tends to break up into a foam if the patient vomits. Upon aspiration into the lungs, chemical pneumonitis may develop.

Eye: May be an eye irritant.

Skin: Mildly irritating to skin. Frequent and prolonged contact can cause dermatitis.

Inhaled: Toxic by inhalation. Irritating to respiratory system. Prolonged exposure may cause somnolence and narcosis.

First Aid

Swallowed: If swallowed, do not induce vomiting, give water to drink and seek urgent medical advice.

Eye: Hold eyes open, flood with water for at least 15 minutes. Seek medical advice.

Skin: Remove contaminated clothing and wash skin thoroughly.

Inhaled: Remove affected person from contaminated area. Avoid becoming a casualty. Apply artificial respiration, if not breathing. Urgently seek medical advice.

First Aid Facilities: Eye wash fountains and safety showers should be available for emergency use.

HEALTH HAZARD INFORMATION CONT'D

Advice to Doctors:

Oral: Gastrointestinal irritation, nausea, vomiting and cramping. CNS depression, ranging from mild headache to anaesthesia and coma. Liver and Kidney injury delayed. Effects may include anuria, dysuria, haematuria and laboratory evidence of kidney damage; hepatic tenderness, jaundice, liver enlargement and other evidence of liver damage.

HEALTH HAZARD INFORMATION

Aspiration: Severe lung irritation with coughing, gagging, dyspnoea, sub sternal distress and rapidly developing pulmonary oedema. Later signs of bronchopneumonia and pneumonitis.

TREATMENT: (ORAL) Lavage with cuffed tube if large quantity ingested. Give activated charcoal. Observe for several days for renal or hepatic injury. Aspiration is main danger. Enforce bed rest and observe carefully. Prophylactic antibiotics useful. Observe for 24 hours for chemical pneumonitis. Longer term medical surveillance may be necessary. Maintain airway and vital functions. Avoid sympathomimetic amines. (INHALATION) Administer oxygen with slight positive pressure and antifoaming agent.

PRECAUTIONS FOR USE

Personal Protection

Avoid contact with the skin and eyes and avoid breathing the vapour or spray mists.

For normal use, where contaminant vapour levels are well below the Exposure Limit the following equipment is required; -

1. Eye protection - safety glasses. Goggles ready for use.
2. Gloves
3. Cotton overalls done up.
4. Leather boots with rubber soles.

Where high contaminant spray mist or vapour levels exist, i.e. approaching the Exposure Limit, or are expected to arise, the following additional equipment is required.

1. For short elevated exposures, e.g. spillage's; -
Appropriate organic vapour cartridge respirator e.g. 3M Brand 08712 and goggles. Ensure working life of cartridge is not exceeded.

NB: If vapour levels exceed the Exposure Limit by more than ten times, air Supplied apparatus should be used.

2. For prolonged exposure and confined spaces. Full face air supplied or self-contained breathing apparatus (complying with AS 1716-1984 "Respiratory Protective Devices"). If contamination occurs, change clothing. Launder contaminated clothing before reuse. Clothing should be air dried in a well-ventilated area before laundering. Observe good personal hygiene - wash hands thoroughly with soap or hand cleanser before eating, drinking or smoking and before using the toilet. Eye wash fountains and safety showers should be available for emergency use. Clothing wet with solvent should be soaked with water before removing, to prevent the possibility of static electricity discharges.

**EMERGENCY 24 HOURS:
POISONS INFORMATION CENTRE
Herston Rd, Herston
13 11 26 (All Hours)**

Engineering Controls

Local exhaust ventilation usually required. Provide explosion proof ventilation system. Maintain adequate ventilation. Maintain air levels below the Exposure Limit. Performance of ventilation system should be regularly monitored. If air contaminant levels exceed the Exposure Limit, respiratory protection required. See also Personal Protection.

Exposure Controls

No exposure value assigned for this specific material by the safe work Australia. However, the available expose limits for the ingredients are:
Xylene 80ppm TWA 350mg/m3
Stel 150ppm 655mg/m3

Flammability

Highly flammable. Isolate for sources of heat, naked flames or sparks. Take precautions against static electricity discharges. Explosive air-vapour mixture may form, ensure adequate ventilation. Earth and bond all process equipment including tanks and drums. Ensure equipment and fittings are flame proofed. See Safe Handling Information-Fire/Explosion Hazard.

Storage & Transport:

Store in a cool place. Store container in a well-ventilated place. Store away from heat, naked flames or sparks. Store away from strong oxidizing agents. Keep containers closed at all times. Keep away from food, foodstuffs, drink or clothing. Take precautions against static electricity discharges. Classified as a dangerous substance for transport purposes. Flammable liquid, Class 3. Apply correct labels if material to be transported.

Spill & Disposal

Extinguish or remove all sources of ignition. Clear area of all unprotected personnel. Wear appropriate protection equipment. Refer to Ventilation and Personal Protection. Do not contaminate stream, rivers or water courses. Do not flush to drains or sewers. Inform local authority if liquid enters drains, sewers, etc. Shut off source of leak if safe to do so. Dike and contain spill with sand or earth. Allow to evaporate if conditions permit.

MINOR: Absorb the liquid and sand, earth or other absorbent. Place used absorbent in suitable, sealable, labelled containers. Keep away from heat, naked flame or sparks.

Dispose of following requirements of state environment authority.

Fire / Explosion Hazards

Explosive air-vapour mixture may form. Earth and bond all transfer equipment including tanks and drums. Keep away from heat, naked flames or sparks. Have adequate fire equipment available. Evacuate immediate area. Advise Fire Brigade of nature of hazard. Wear full protection equipment including breathing apparatus. Cool surrounding containers and pipes with water. Carbon monoxide and other unidentified compounds may be formed during combustion.

Extinguishing Media: Foam, BCF, carbon dioxide or dry chemical extinguishers required. For large fires use foam.



IMPORTANT NOTICE: Read the SDS and TDS carefully prior to the use of any product. Application, performance & safety data may change from time to time. In emergency, contact the Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice. **IF THE SITUATION IS LIFE THREATENING, DIAL 000.**

PRODUCT DISCLAIMER: Read the SDS & TDS carefully before use of any product. These documents contain information in context to how you will apply the product, including if it is being used in conjunction with any other products, the type of surfaces and the manner in which the product will be applied. All Purpose Coatings Pty Ltd does not accept any liability either directly or indirectly for any losses that arise from the use or application of the product in accordance with any advice, specification, recommendation or information given by All Purpose Coatings Pty Ltd.