

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product name	Sealer Booster
Chemical Name	Acrylic Sealer
Synonyms	Not Applicable
Proper shipping name	RESIN SOLUTION (Contains XYLENE)
Chemical formula	Not Applicable
Other means of identification	Not Available
CAS number	Not Applicable

Company Details

Registered company name	New Zealand Decorative Concrete Ltd T/A Permacolour
Address	42A Egmont Road, New Plymouth
Telephone	+64 6 755 3320 or 0508 444 555
Website	www.permacolour.co.nz
Email	info@permacolour.co.nz

Emergency telephone number

Association / Organisation	CHEMCALL (0800 CHEMCALL)
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SECTION 2: HAZARDOUS CLASSIFICATION

Classification of the substance or mixture.

Considered a Hazardous Substance according to the criteria of the New Zealand Hazardous Substances New Organisms legislation.

Classified as Dangerous Goods for transport purposes.

UN NO:	1866
HAZCHEM:	3 (Y)
PACKAGING GP:	III
DANGEROUS GOODS CLASS	3.3
POISONS SCHEDULE	N/A

Hazard Classification:

3.1C, 6.1E, 6.3A, 6.4A, 6.7B, 6.8B, 6.9B, 9.1D

Hazard Classification:

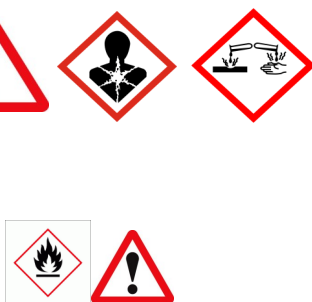
(Corrosive 8.2C) Group Standard.

Label elements

GHS label elements

Signal word

Danger



SECTION 3: PHYSICAL DATA

Boiling Point (°C)	135-145
Vapour Pressure (MM Hg)	48 Xylene
Percent Volatile by Volume (%)	24
Vapour Density (AIR-1)	1.0 Xylene
Solubility in water g/l at 25°C	Immiscible
Specific Gravity (at 25°C)	0.98
Flash Point	26°C Xylene
Ingredients	Xylene (CAS 1330-20-7), Acrylate / Methacrylate Copolymer
Appearance	Clear, colourless viscous liquid with hydrocarbon odour.

HEAD OFFICE 42a Egmont Road, Waiwhakaiho, New Plymouth, 06 755 3320, info@permacolour.co.nz **FREEPHONE 0508 444 555**

AUCKLAND WAREHOUSE 333 East Tamaki Road, Unit F, Auckland, 2013, 09 272 8444, auckland@permacolour.co.nz **FREEPHONE 0508 666 777**

CHRISTCHURCH OFFICE 23 Watts Road, Sockburn, Christchurch, PO Box 39148, Harewood, Christchurch, 03 358 9669, christchurch@permacolour.co.nz

SECTION 4: FIRE EXPLOSION-HAZARD DATA

Extinguishing Media	Carbon Dioxide or dry chemical
Special Fire Fighting Procedures	S.C.B.A for large fires
Unusual Fire & Explosion Hazards	Keep away from extreme temperatures & sources of ignition

SECTION 5: HEALTH HAZARD DATA

Ingestion/Swallowing	Do not induce vomiting. Give water. Seek medical attention. May cause nausea and vomiting.
Skin Contact	Irritant - Wash affected area with soap and water.
HAZARD CATEGORY	Harmful, Irritant

Health Effects

Swallowed

- May cause irritation to mouth, throat and stomach with effects including irritation to the tongue and lips and pain in the stomach. There is some probability that this product could be aspirated into the lungs and hence, if vomiting occurs this may lead to chemical pneumonitis.

Eye

- May cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.

Skin

- Harmful by skin contact. Will cause irritation to the skin, with effects including: Redness, itchiness, and drying/ defatting.

Inhaled

- Harmful if inhaled. Will cause central nervous system depression. May cause irritation to the nose, throat and respiratory system with effects including: Dizziness, headache staggering gait, nausea and if the concentration of vapours is high enough, unconsciousness.

Chronic

- Prolonged or repeated skin contact may lead to dermatitis. Prolonged exposure may lead to kidney and liver damage. Permanent central nervous system and blood changes occur due to high solvent exposure over time.

First Aid

Swallowed

- If swallowed, DO NOT induce vomiting. If patient is conscious, give a glass of water to drink. Seek urgent medical assistance.

Eye

- If material is splashed into eyes, flush with plenty of water for at least 15 minutes, ensuring eye lids are held open. Immediately transport to hospital or doctor.

Skin

- If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with water and soap if available.

Inhaled

- Remove victim to fresh air. Apply resuscitation if victim is not breathing. Administer Oxygen if breathing is difficult.

First Aid

Advise Doctor

- Eye Wash fountain, safety shower and normal wash room facilities.
- Treat symptomatically as for exposure to aromatic hydrocarbon solvents. Aspiration can result in pulmonary oedema. Gastric lavage should only be undertaken after endotracheal intubation.

SECTION 6: FIRE-FIGHTING MEASURES

Fire/Explosion Hazard

Extinguishing Media

Special Fire Fighting Procedures

Unusual Fire and Explosion Hazards

Flammability

Flammable Liquid

- Use dry chemical, carbon dioxide or foam
- Self contained breathing apparatus (SCBA) required for fire fighting personnel. If possible to do so safely, shut off fuel to fire. Use water spray to cool fire exposed surfaces and to protect personnel. Avoid spreading burning liquid with water used for cooling fire exposed containers when using water spray, boil-over may occur when the product temperature reaches the boiling point of water.
- Vapours from this products may travel or be moved by air currents and be ignited by pilot lights, other flames, smoking, sparks, heaters, electrical equipment, static discharge or other ignition sources at locations distant from the point of handling.

SECTION 7: ACCIDENTAL RELEASE MEASURES

Emergency Action

Spill or leak Procedures

Small spills

Large spills

- Keep Unnecessary people away; Isolate hazard area and deny entry. Stay upwind. Keep out of low areas.
- Shut off ignition sources, no flares, smoking or flames in hazard area. Stop leak if you can do it without risk. Water spray may reduce vapour; but it may not prevent ignition in closed spaces.
- Take up with sand, dirt or vermiculite. DO NOT use sawdust. Use non-sparking tools or HEPA vacuum system. Place into labelled drums for later disposal.
- Notify Emergency Services (police or Fire Brigade). Tell them exact location, nature, hazards, quantities, type of vehicle and other information that would be helpful. Contain spill. Remove all ignition sources and safely stop flow of spill. Bund area. Trained personnel should wear Personal Protective equipment as highlighted in this SDS. Blanket the spill with foam or use water fog to disperse vapour clouds. Consult an expert regarding disposal of this product.

The acrylic resin will set to a hard sticky clear coating, which will adhere securely to most surfaces. It may be scraped off after softening with solvent

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards

No exposure standards are available for this product, however, the following exposure standards have been assigned by the National Occupational Health & Safety Commission (NOHSC) to the following components of the Product:

XYLENE

(Worksafe Australia)

[TWA] 80ppm 350 mg/m³

[STEL] 150 ppm 655 mg/m³

Notices: A; R

(ACGIH)

[TWA] 100ppm 434 mg/m³

[STEL] 150ppm 651 mg/m³

Carcinogen Category: A4

SECTION 9: HANDLING AND STORAGE

Store in a cool place and out of direct sunlight. Store away from sources of heat or ignition, strong alkalis, acids, combustibles and oxidizing agents. All equipment must be earthed. Store in original packages as approved by manufacturer. Check all fittings, valves, reticulation (piping) and any ancillary equipment for leaks. A supplied air respirator or a Self Contained Breathing Apparatus (SCBA) for emergencies should be available and checked regularly. For further information please refer to the engineering Controls of this SDS.

SECTION 10: STABILITY AND REACTIVITY

Stability

- Stable under normal conditions of use.

Hazardous Decomposition products

- Emits oxides of carbon when heated to decomposition.

Hazardous Polymerization

- Will not occur.

Incompatibilities

- Reacts with oxidising agents/acids/alkalis

Condition to avoid

- Heat, flames ignition sources and incompatibles.

SECTION 11: TOXICOLOGICAL INFORMATION

No Toxicological information is available for this product, however for the ingredient :

Xylene:(1)

Oral LD(rat): 4300 mg/kg

Inhalation LC50(rat): 5000 ppm/4 hr

SECTION 12: ECOLOGICAL INFORMATION

No environmental impact information is available for this product, however for:

Xylene: (2)

Aquatic Toxicity:

24 – 96 hr LC50 (guppy) (static): 34.73 mg/l

24 – 96 hr LC50 (goldfish) (static): 36.81 mg/l

24 – 48 hr LC50 (sunfish, bluegill) (static): 24mg/l

24 – 96 hr LC50 (minnow, fathead) (static): 28.77 mg/l

24 hr LC (dahina magna, juvenile 24 HR) (static): 150mg/l

Avoid contaminating waterways, drains or sewers.

SECTION 13: DISPOSAL CONSIDERATIONS

Refer to appropriate authority in your state. Dispose of material through a licensed waste contractor. Advise flammable nature. Normally suitable for disposal by approved waste disposal agent.

SECTION 14: TRANSPORT INFORMATION

UN Number: 1866

Proper shipping Name: RESIN SOLUTION(Contains XYLENE)

Dangerous Goods Class: 3.3

Packing Group: 111

Hazchem code: 3(Y)

Classified as a CLASS 3 (Flammable liquid) Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail, 6th Edition.

Dangerous goods of Class 3 (flammable liquid) are incompatible in a placard load with any of the following:

- Class 1
- Class 2.1, if both the Class 3 and Class 2.1 dangerous goods are in bulk
- Class 2.3
- Class 4.2
- Class 5
- Class 6, if the Class 3 dangerous goods are nitromethane
- Class 7

Emergency information (Transport) :

Dangerous Goods – Initial Emergency Response Guide (SAA/SNZ HB76:1997)

For LIQUIDS - FLAMMABLE, GUIDE NO:15

Hazard Classification: 3.1C, 6.1E, 6.3A, 6.4A, 6.7B, 6.8B, 6.9B, 9.1D

SECTION 15: REGULATORY INFORMATION

Poison Schedule: S5

This material is a Scheduled (S) Poison and must be stored, handled and used in accordance with the relevant regulations.

RISK PHRASES

- R10 Flammable
- R20/21 Harmful by inhalation and in contact with Skin
- R38 Irritating to skin

SAFETY PHRASES

- S2 Keep out of reach of children
- S24/25 Avoid contact with skin and eyes

Regulatory Status— ERMA Approval Code: HSR0002545— Group Standard for construction products (Toxic [6.7A] Group Standard 2006.

SECTION 16: OTHER INFORMATION

New Zealand Decorative Concrete Ltd has compiled the information and recommendations contained in this Safety Data Sheet from sources believed to be reliable and to represent the most reasonable current opinion on the subject at the date quoted in section sixteen of the Safety Data Sheet. No warranty, guarantee or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine the environmental regulatory compliance obligations under any applicable New Zealand laws. In providing this disclaimer New Zealand Decorative Concrete Ltd removes itself from any responsibility/liability of damages/harm caused by the information or lack thereof in this Safety Data Sheet document.