

SAFETY DATA SHEET

Section 1: IDENTIFICATION

RESILIENCE

Recommended Use: Solvent based stone and concrete sealer.
Product Code: 179952 (2x10L).



Whiteley Industrial

A division of Whiteley Corporation Pty Ltd (A.C.N. 000 906 678)

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Telephone Number: (02) 9929 9155 Facsimile: (02) 9929 9077

Web: www.whiteley.com.au

Emergency Telephone Number: Poisons Information Centre (National) 131126

Distributed in New Zealand by:

Whiteley Corporation NZ Limited

Address: PO Box 22-519 Otahuhu, Auckland, New Zealand 1640

Telephone Number: 092737313, 0800 257 352

Emergency Telephone Number: New Zealand Poisons Centre 0800 POISON or 0800 764 766

Section 2: HAZARDS

GHS Classification

Flammable liquid (Category 2)

Single Target Organ Toxicity – Single Exposure (Category 3)

Signal Word **DANGER**

Hazard Statements

H225	Highly flammable liquid and vapour
H336	May cause drowsiness or dizziness

Precautionary Statements

P210	Keep away from heat, sparks & open flames. No smoking
P233	Keep container tightly closed.
P241	Use explosion-proof electrical equipment.
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P261	Avoid breathing vapours, spray or mist.
P264	Wash hands thoroughly after using
P271	Use only outdoors or in a well-ventilated area

Response Statements

P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
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P312	Call a POISONS CENTRE or doctor/physician if you feel unwell
P362	Take off contaminated clothing and wash before reuse.
P370 + P378	In case of fire: Use foam or dry powder for extinction.

Storage Statements

P403 + P235 + P233	Store in a well-ventilated place. Keep container tightly closed. Keep cool.
P405	Keep locked up.

Disposal Statements

P501	Dispose of container in accordance with local regulations.
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HSNO Classifications

3.1B	Flammable liquid - high hazard
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Section 3: COMPOSITION INFORMATION

Ingredient	CAS No	Proportion
1-Methoxy-2-Propanol	107-98-2	>60%
Ethanol	64-17-5	10-30%
Ingredients deemed not to be hazardous	Not applicable	To 100%

Section 4: FIRST AID

Eye (Contact)	Hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.
Skin (Contact)	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a doctor.
Inhalation(Breathing)	Remove victim from exposure to fresh air. If not breathing apply artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.
Ingestion (Swallowing)	DO NOT induce vomiting. Keep at rest. Seek immediate medical attention.
Advice to Doctor	Treat symptomatically for solvent based solution.
First Aid Facilities	Ensure an eye bath and safety shower are available and ready for use.
Additional Information	None Available

Section 5: FIREFIGHTING MEASURE

Suitable Extinguishing Media	Use dry chemical powder, foam, water spray or fog type extinguishers. Try to cover liquid spills with foam. Use water spray to cool exposed containers and to disperse vapours.
Hazards from Combustion Products	Toxic and/or irritating fumes including carbon monoxide and carbon dioxide may be emitted.
Precautions for Fire Fighters and Special Protective Equipment	Fire fighters should wear self-contained breathing apparatus (SCBA) and complete protective clothing. Vapours are heavier than air and will 'travel' to low-level areas and/or spread fires. Water may be used to cool containers.
Additional Information	Hazchem Code – 3[Y]

Section 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedure	SAA/SNZ HB76: Dangerous Goods – Initial Emergency Response Guide - 14. Eliminate all sources of ignition. Ventilate area thoroughly and wear a suitable respirator if necessary to minimise inhalation. Wear suitable personal protective equipment such as protective gloves to prevent skin contact.
Spills / Clean up	Eliminate all sources of ignition. Stop leak if safe to do so. For larger spills (greater than 1L) – contain spill by placing inert, non-combustible absorbent material such as vermiculite, sand or dirt onto spill. For small spills (less than 1L) – can be wiped up using clean rags. Collect material using non-sparking tools and place into a suitable container for disposal according to local regulations. Do not flush to drains or sewers. Clean area by working from the periphery to the centre of spill or from the edge of the room to the centre.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling	Exemplify can be used on terrazzo, marble, ceramic tiles, terracotta, concrete, brick and vitreous surfaces. See product label for directions for use. Contact Whiteley Corporation sales representative for advice when using this product for any application other than that outlined on the label or technical bulletin. Any non-intended or non-authorized use of this product may result in personal injury or damage to equipment and goods. Store product in original container. Wash hands and face thoroughly after handling and before work breaks, eating, drinking, smoking and using toilet facilities.
Conditions for Safe Storage	Store as Class 3 Flammable Liquid in accordance with Australian Standard 1940, The storage and handling of flammable and combustible liquids. Store in a cool, dry, well-ventilated area away from sources of ignition. Store away from heat, naked flames or sparks. Keep container tightly sealed and store away from incompatible materials.

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

National Exposure Standards – Source: National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003] & New Zealand Workplace Exposure Standards 2002.

<u>Ingredient</u>	<u>CAS No</u>	<u>ES-TWA</u>	<u>ES-STEL</u>
1-Methoxy-2-Propanol	107-98-2	369 mg/m ³	553 mg/m ³
Ethanol	64-17-5	1880 mg/m ³	-

Biological Limit Values	Not known.
Engineering Controls	Use only with adequate ventilation. When used in confined spaces respiratory protection may be required, see Personal Protective Equipment.

Personal Protective Equipment

Eye/face protection – Safety glasses or chemical resistant goggles must be worn to prevent eye contact.

Skin protection – Use suitable protective clothing, such as impervious gloves, apron, face shield and safety shoes with chemical resistance to prevent skin contact.

Respiratory protection – If necessary, use a respirator with organic vapour filters.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES			
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Appearance	Clear slightly viscous liquid	Odour	Characteristic Solvent Odour
Odour Threshold	No data available	pH	No data available
Freezing Point	Approx. 0°C	Initial Boiling Point	No data available
Boiling Range	No data available	Flash point	20°C
Evaporation Rate	No data available	Flammability	No data available
Upper flammability limit	No data available	Lower flammability limit	No data available
Vapour Pressure	No data available	Vapour Density	No data available
Relative Density	0.900	Solubility	Completely miscible with water
Partition Coefficient: n-octanol/water	No data available	Autoignition temperature	No data available
Decomposition temperature	No data available	Viscosity	Approx. 50 cPs

Section 10: STABILITY AND REACTIVITY

Chemical Stability	Stable under normal ambient storage conditions. May oxidise over time, in heat or direct sunlight.
Conditions to avoid	Avoid high temperatures (store below 30°C), direct sunlight, moisture and static discharges. Protect against physical damage.
Incompatible materials	Incompatible with oxidising agents, acids, bases, combustible materials and sources of ignition.
Hazardous decomposition products	In case of fire, may produce hazardous decomposition products such as carbon monoxide, carbon dioxide and smoke.
Hazardous reactions	Not known.

Section 11: TOXICOLOGICAL INFORMATION
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Acute toxicity	No data available.
Skin corrosion/ irritation	No data available.
Serious eye damage/ irritation	No data available.
Respiratory or skin sensitisation	No data available.

Germ Cell Mutagenicity	No data available.
Carcinogenicity	No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity	No data available.
Specific Target Organ Toxicity – Single Exposure	Vapour or mists may be irritating to respiratory system. Vapour concentration above recommended levels are irritating to the eyes and the respiratory tract and may cause headaches, drowsiness and dizziness.
Specific Target Organ Toxicity – Repeated Exposure	No data available.
Aspiration Hazard	No data available.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity	No data available.
Persistence and degradability	No data available.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Other adverse effects	No data available.

Section 13: DISPOSAL CONSIDERATIONS

Disposal method	Disposal to sewer is normally recommended with copious amounts of water. Refer to State/Territory Land Waste Management Authorities if applicable. Containers are recyclable and can be disposed of by a licensed waste contractor. Containers can be disposed of to general waste or rinsed thoroughly and recycled.
Special precautions	Suitable for incineration by approved agent.

Section 14: TRANSPORT INFORMATION

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code).

UN Number	1993
UN Proper Shipping Name	Flammable Liquid
Class and subsidiary risk	3
Packing Group	2
Special precautions for user	None known
Hazchem Code	3[Y]

Section 15: REGULATORY INFORMATION

Poisons Schedule (SUSDP): Not applicable

All ingredients are listed in the Australia Inventory of Chemical Substances (AICS).

HSNO Approval Code: HSR002528

This document has been produced in accordance with the requirements of the Globally Harmonised System of Classification and Labelling.

Section 16: OTHER INFORMATION

Date of preparation: 3rd May 2016

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