

MATERIAL SAFETY DATA SHEET

Section 1: IDENTIFICATION

EXEMPLIFY

Recommended Use: Solvent based floor sealer.
Product Code: 050084 (2x10L).



Whiteley Industrial

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Emergency Telephone Number: Poisons Information Centre (National) 131126

Section 2: HAZARDS

Classified as hazardous by the criteria of Safe Work Australia.

- R11: Highly Flammable
R36: Irritating to eyes.
R38: Irritating to skin.
R43: May cause sensitisation by skin contact.
R51/53: Toxic to aquatic organisms: may cause long-term adverse effects in the aquatic environment
R65: Harmful: May cause lung damage if swallowed.
R67: Vapours may cause drowsiness and dizziness.
- S9: Keep container in a well ventilated place.
S16: Keep away from sources of ignition – No smoking.
S23: Do not breathe fumes/vapour.
S24: Avoid contact with skin.
S33: Take precautionary measures against static discharges.
S37: Wear suitable gloves.
S43A: In case of fire use sand, earth, chemical powder or foam.
S57: Use appropriate containment to avoid environmental contamination.
S60: This container and its contents must be disposed of as hazardous waste.
S62: If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

Section 3: COMPOSITION INFORMATION

Ingredient	CAS No	Proportion
Ingredients deemed not to be hazardous	Not applicable	To 100%
D-limonene	5989-27-5	30-60%
Octane and Isomers	90622-56-3	30-60%

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	Skin: There is animal and human evidence of sensitisation by skin contact with oxidised d-limonene. Inhalation: There is limited data on the potential for respiratory irritation or sensitisation. Swallowed: Liver effects have been found in animal studies.

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]E

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].

<u>Ingredient</u>	<u>CAS No</u>	<u>ES-TWA</u>	<u>ES-STEL</u>
None known	-----	-----	-----

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

Appearance Clear slightly hazy liquid

Boiling Point greater than 120°C

Odour Characteristic citrus solvent odour

Freezing Point less than -50°C

pH Not applicable

Solubility Slightly soluble in water.

Specific Gravity 0.8

Flash Point 18°C – **Method:** Closed Cup

Vapour Pressure Not Available.

Upper and Lower Flammability limits (in air) Not Available.

Vapour Density Not Available.

Ignition Temperature Not Available.

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

HEALTH EFFECTS

Acute

Swallowed	Considered an unlikely route of entry in commercial / industrial environments. May cause nausea and vomiting. Aspiration may cause lung damage.
Eye	Liquid and vapour may cause eye irritation.
Skin	Skin irritant. Can be absorbed through the skin.
Inhaled	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, are anaesthetic and may have other central nervous system effects.

Chronic

Swallowed	None known.
Eye	None known.
Skin	May cause sensitisation by skin contact.
Inhalation	None known.

TOXICITY DATA

D-limonene	LD ₅₀ 4400mg/kg (oral, rat)	RTECS GW6360000
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Section 12: ECOLOGICAL INFORMATION

Ecotoxicity	Not known.
Persistence and degradability	Not known.
Mobility	Not known.

Section 13: DISPOSAL CONSIDERATIONS

Disposal method	Refer to State/Territory Land Waste Management Authority. Dispose of material through a licensed waste contractor. Rinse empty containers thoroughly before disposing to an authorised landfill.
Special precautions	None known.

Section 14: TRANSPORT INFORMATION

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

UN Number	1866
UN Proper Shipping Name	Resin Solution
Class and subsidiary risk	3
Packing Group	2
Special precautions for user	None known
Hazchem Code	3[Y]E

Section 15: REGULATORY INFORMATION

Poisons Schedule (SUSDP): Schedule 6

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

Section 16: OTHER INFORMATION

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