

## SAFETY DATA SHEET

### Section 1: IDENTIFICATION

#### EXEMPLIFY

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



#### Whiteley Industrial

A division of Whiteley Corporation Pty Ltd (A.C.N. 000 906 678 )  
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Web: [www.whiteley.com.au](http://www.whiteley.com.au)

Emergency Telephone Number: Poisons Information Centre (National) 131126

Distributed in New Zealand by:

#### Whiteley Corporation NZ Limited

Address: 36 Neales Road, East Tamaki, Auckland, New Zealand 2013  
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)  
Skin Sensitisation (Category 1B)  
Aspiration Toxicity (Category 1)  
Skin Irritation (Category 2)  
Single Target Organ Toxicity – Single Exposure (Category 3)

Signal Word **DANGER**

#### Hazard Statements

H225	Highly flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
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
P272	Contaminated clothing should not be allowed out of the workplace
P280	Wear protective gloves and eye protection.

Response Statements

P301 + P310	IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician.
P303 + P361 + P353	IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with soap and water.
P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312	Call a POISONS CENTRE or doctor/physician if you feel unwell
P331	Do NOT induce vomiting.
P332 + P313	If skin irritation or rash occurs: Get medical advice/attention.
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
6.1E	Substances that are acutely toxic –May be harmful, Aspiration hazard
6.3A	Substances that are irritating to the skin
6.5B	Substances that are contact sensitisers

**Section 3: COMPOSITION INFORMATION**

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

**Section 4: FIRST AID**

<b>Eye (Contact)</b>	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.
<b>Skin (Contact)</b>	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.
<b>Inhalation(Breathing)</b>	Remove victim from exposure to fresh air. If not breathing apply artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.
<b>Ingestion (Swallowing)</b>	DO NOT induce vomiting. Keep at rest. Seek immediate medical attention.
<b>Advice to Doctor</b>	Treat symptomatically for solvent based solution.

<b>First Aid Facilities</b>	Ensure an eye bath and safety shower are available and ready for use.
<b>Additional Information</b>	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

<b>Suitable Extinguishing Media</b>	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.
<b>Hazards From Combustion Products</b>	Toxic and/or irritating fumes including carbon monoxide and carbon dioxide may be emitted.
<b>Precautions For Fire Fighters and Special Protective Equipment</b>	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.
<b>Additional Information</b>	<b>Hazchem Code</b> – 3[Y]E

### Section 6: ACCIDENTAL RELEASE MEASURES

<b>Emergency Procedure</b>	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.
<b>Spills / Clean up</b>	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

<b>Precautions for Safe Handling</b>	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.
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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>
None Allocated			

**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

<b>Appearance</b>	Clear liquid	<b>Odour</b>	Citrus
<b>Odour Threshold</b>	No data available	<b>pH</b>	No data available
<b>Freezing Point</b>	Less than -50°C	<b>Initial Boiling Point</b>	No data available
<b>Boiling Range</b>	No data available	<b>Flash point</b>	18°C
<b>Evaporation Rate</b>	No data available	<b>Flammability</b>	No data available
<b>Upper flammability limit</b>	No data available	<b>Lower flammability limit</b>	No data available
<b>Vapour Pressure</b>	No data available	<b>Vapour Density</b>	No data available
<b>Relative Density</b>	0.800	<b>Solubility</b>	Completely miscible with water
<b>Partition Coefficient: n-octanol/water</b>	No data available	<b>Autoignition temperature</b>	No data available
<b>Decomposition temperature</b>	No data available	<b>Viscosity</b>	Approx. 1 cPs

### Section 10: STABILITY AND REACTIVITY

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

### Section 11: TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	No data available.
<b>Skin corrosion/ irritation</b>	Product causes irritation, pain and reddening on skin contact.
<b>Serious eye damage/ irritation</b>	No data available.
<b>Respiratory or skin sensitisation</b>	d-Limonene: Mouse local lymphnode assay indicates an EC3 level of 22%. No visual increase in irritancy was reported during the study.

<b>Germ Cell Mutagenicity</b>	No data available.
<b>Carcinogenicity</b>	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.
<b>Reproductive toxicity</b>	No data available.
<b>Specific Target Organ Toxicity – Single Exposure</b>	No data available.
<b>Specific Target Organ Toxicity – Repeated Exposure</b>	No data available.
<b>Aspiration Hazard</b>	No data available.

### Section 12: ECOLOGICAL INFORMATION

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

### Section 13: DISPOSAL CONSIDERATIONS

<b>Disposal method</b>	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.
<b>Special precautions</b>	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).

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

### Section 15: REGULATORY INFORMATION

Poisons Schedule (SUSDP): Not Scheduled

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:** 2<sup>nd</sup> May 2016

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