

## SAFETY DATA SHEET

### Section 1. Identification of the material and the supplier

Product: **Microshield Premium Varnish**  
 Item Code: 6030  
 UN No. 1263  
 Product Use: High gloss clear finish on timber.  
 Restriction of Use: Refer to Section 15

Australian Manufacturer: **Norglass Paints**  
 Address: 59 Moxon Road  
 Punchbowl NSW 2196  
 Australia  
 Telephone: +61 2 9708 2200  
 Email: [info@norglass.com.au](mailto:info@norglass.com.au)

New Zealand Supplier: xxx  
 Address: xxx  
 xxx  
 Telephone: 0508 724687

**Emergency Numbers:**  
**Australia: 13 1126 (Poisons Information Centre)**  
**New Zealand: 0800 764 766 (National Poison Centre)**

Date of SDS Preparation: 7 November 2016 v2

### Section 2. Hazards Identification

**This substance is hazardous according to:**  
**New Zealand - The HSNO (Minimum Degrees of Hazard) Regulations 2001**  
**Australia – Approved Criteria for Classifying Hazardous Substances**  
**[NOHSC:1008(2004)]**

**New Zealand:**  
**EPA Approval No:**  
**Surface Coatings and Colourants (Flammable, Toxic [6.7]) – HSR002669**

#### Pictograms



Flammable      Irritant      Chronic      Ecotoxic

Signal Word: DANGER

HSNO Classification	Hazard Code	Hazard Statement	GHS Category
3.1C	H226	Flammable liquid and vapour.	Category 3
6.1E (asp)	H304	May be fatal if swallowed and enters airways.	Category 1

6.3B	H316	Causes mild skin irritation.	Category 3
6.5B	H317	May cause an allergic skin reaction.	Category 1
6.7B	H351	Suspected of causing cancer.	Category 2
6.8B	H361	Suspected of damaging fertility or the unborn child	Category 2
6.9B	H373	May cause damage to organs through prolonged or repeated exposure.	Category 2
9.1B(NZ only)	H411	Toxic to aquatic life with long lasting effects.	Category 2

<b>Prevention Code</b>	<b>Prevention Statement</b>
P102	Keep out of reach of children.
P103	Read label before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, sparks, open flames or hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe dust, fume, gas, mist or vapours.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective clothing.
P281	Use personal protective equipment as required.

<b>Response Code</b>	<b>Response Statement</b>
P101	If medical advice is needed, have product container or label at hand.
P314	Get medical advice/attention if you feel unwell.
P331	Do NOT induce vomiting.
P363	Wash contaminated clothing before re-use.
P331	Do NOT induce vomiting.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P303 + P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P370 + P378	In case of fire: Use carbon dioxide, foam or dry chemicals for extinction.

<b>Storage Code</b>	<b>Storage Statement</b>
P405	Store locked up.
P403 + P235	Store in a well-ventilated place. Keep cool.

<b>Disposal Code</b>	<b>Disposal Statement</b>
P501	Dispose of according to Local Regulations or Authorities

### **Section 3. Composition / Information on Ingredients**

<b>Ingredients</b>	<b>Wt%</b>	<b>CAS NUMBER.</b>
Alkyd Resin	72%	Proprietary
White Spirit	25%	64742-88-7
Driers	2.1%	Proprietary
Additives and stabilisers	>0.9%	Proprietary

### **Section 4. First Aid Measures**

Routes of Exposure:

If in Eyes	Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice.
If on Skin	Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation or rash occurs: get medical advice/attention.
If Swallowed	Rinse mouth. DO NOT induce vomiting. If the victim is conscious give water or milk to drink to dilute the effect. If vomiting occurs, place victim face downwards, with the head turned to the side and lower than the hips to prevent vomit entering the lungs. Seek immediate medical attention.
If Inhaled	Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

## Section 5. Fire Fighting Measures

<b>Hazard Type</b>	Flammable liquid vapours can explode in air if ignited.
<b>Hazards from combustion products</b>	None known.
<b>Suitable Extinguishing media</b>	Extinguishing media carbon dioxide, foam or dry chemicals.
<b>Precautions for firefighters and special protective clothing</b>	Wear full body protection and self-contained breathing apparatus.
<b>HAZCHEM CODE</b>	<b>3Y</b>

## Section 6. Accidental Release Measures

Wear protective equipment as detailed in Section 8. Clear area of any unprotected personnel.

Extinguish all sources of ignition. Spilt material should be absorbed into dry inert material such as sand, earth or sawdust and disposed by incineration by approved agent or local regulations. Adequate steps should be taken to prevent spillage reaching waterways and drains.

## Section 7. Handling and Storage

### Precautions for Handling:

- Read label before use.
- Do not handle until all safety precautions have been read and understood.
- Keep away from heat, sparks, open flames or hot surfaces. No smoking.
- Keep container tightly closed.
- Ground/bond container and receiving equipment.
- Use only outdoors or in a well-ventilated area.
- Use explosion-proof electrical/ventilating/lighting.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Do not breathe dust, fume, gas, mist or vapours.
- Wash hands thoroughly after handling.
- Contaminated work clothing should not be allowed out of the workplace.
- Wear protective clothing and equipment.

### Precautions for Storage:

- Store away from incompatible materials listed in Section 10.
- Store locked up, in a well-ventilated place. Keep cool.

- Product should be stored in properly sealed containers, if at all, not used in one application.
- Keep out of reach of children.

## Section 8 Exposure Controls / Personal Protection

### WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
White Spirit	150	790		

Workplace Exposure Standard – Time Weighted Average (WES-TWA). *The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure.* Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). *The 15-minute average exposure standard.* Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

### Engineering Controls

Use only in well ventilated areas.

### Personal Protection

<b>Eyes</b>	Wear safety goggles with side shields.
<b>Hands and Skin</b>	Wear neoprene rubber gloves. Wear overalls and use barrier cream.
<b>Respiratory</b>	Avoid breathing solvent vapours by wearing organic vapour respirators.

## Section 9 Physical and Chemical Properties

<b>Appearance</b>	Amber coloured liquid
<b>Odour</b>	Solvent odour
<b>Odour Threshold</b>	Not applicable
<b>pH</b>	Not applicable
<b>Boiling Point</b>	150 <sup>0</sup> C for solvent
<b>Melting Point</b>	Not applicable
<b>Freezing Point</b>	Not applicable
<b>Flash Point</b>	32 <sup>0</sup> C
<b>Flammability</b>	Not applicable
<b>Upper and Lower Exposure Limits</b>	Not applicable
<b>Volatile Component</b>	Not applicable
<b>Vapour Pressure 25<sup>0</sup>C</b>	Not applicable
<b>Specific Gravity</b>	0.920
<b>Solubilities</b>	Insoluble
<b>Partition Coefficient:</b>	Not applicable
<b>Auto-ignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	Not applicable
<b>Kinematic Viscosity</b>	Not applicable
<b>Particle Characteristics</b>	Not applicable

## Section 10. Stability and Reactivity

<b>Stability of Substance</b>	This product is stable under normal conditions.
<b>Conditions to Avoid</b>	Sources of ignition. Heat.
<b>Incompatible Materials</b>	None known.

**Hazardous Decomposition Products**

None known.

**Section 11 Toxicological Information****Acute Effects:**

<b>Swallowed</b>	Not applicable.
<b>Dermal</b>	Not applicable.
<b>Inhalation</b>	Not applicable.
<b>Eye</b>	Not applicable.
<b>Skin</b>	Causes mild skin irritation. May cause an allergic skin reaction.

**Chronic Effects:**

<b>Carcinogenicity</b>	Suspected of causing cancer.
<b>Reproductive Toxicity</b>	Suspected of damaging fertility or the unborn child.
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Aspiration</b>	May be fatal if swallowed and enters airways.
<b>STOT/SE</b>	Not applicable.
<b>STOT/RE</b>	Causes damage to organs through prolonged or repeated exposure.

**Section 12. Ecotoxicological Information****New Zealand:**

HSNO Classes: 9.1B = Toxic to aquatic life with long lasting effects.

<b>Persistence and degradability</b>	No data available
<b>Bioaccumulation</b>	No data available
<b>Mobility in Soil</b>	No data available
<b>Other adverse effects</b>	No data available

Do not allow to enter waterways.

**Section 13. Disposal Considerations**

**Disposal Method:** Place recovered product into an appropriate waste container for disposal through appropriate waste company or specialized landfill in accordance with local regulations. Ensure container is sealed and isolated away from ignition sources.

**Precautions:** Ensure waste container containing recovered product is labelled "Hazardous Waste – Flammable, Ecotoxic". If triple rinsing container, add rinsate to waste container for disposal.

**Disposal methods to avoid:** Do not allow to enter waterways.

**Section 14 Transport Information**

**This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2012 and Australian Dangerous Goods Code ADG7 and NOHSC:1008(2004)**

Road and Rail Transport

UN No: 1263  
Class-primary 3  
Packing Group III  
Subclass 9  
Proper Shipping Name: PAINT

Product Name: Microshield Premium Vanish  
Date of SDS: 7 November 2016

Issued by: Technical Compliance Consultants (NZ) Ltd  
Tel: 64 9 475 5240 www.techcomp.co.nz

Air Transport  
 UN No: 1263  
 Class-primary 3  
 Packing Group III  
 Subclass 9  
 Proper Shipping Name: PAINT

Marine Transport  
 UN No: 1263  
 Class-primary 3  
 Packing Group III  
 Subclass 9  
 Proper Shipping Name: PAINT

**Section 15 Regulatory Information**

**This substance is hazardous according to:  
 New Zealand - The HSNO (Minimum Degrees of Hazard) Regulations 2001  
 Australia – Approved Criteria for Classifying Hazardous Substances  
 [NOHSC:1008(2004)]**

**Poison Schedule:** Schedule 5

**New Zealand:**

EPA Approval Code: Surface Coatings and Colourants (Flammable, Toxic [6.7]) – HSR002669

HSNO Classification: 3.1C, 6.1E(asp), 6.3B, 6.5B, 6.7B, 6.8B, 6.9B, 9.1B

HSNO Controls:

Trigger quantities for this substance:

	<b>Trigger Quantity</b>
Approved Handler	Not required
Location Certificate	500L (>5L), 1500L(<5L), 250L open
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	1000L
Emergency Response Plan	1000L
Stationery containment	1000L
Restriction of Use	None

**Section 16 Other Information**

**Glossary**

EC50	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
LC50	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD50	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.
2. Australia – Approved Criteria for Classifying Hazardous Substances -[NOHSC:1008(2004)]
3. Safework Australia: Preparation of SDS sheets for hazardous chemicals (Code of Practice).

Product Name: Microshield Premium Vanish  
 Date of SDS: 7 November 2016

Issued by: Technical Compliance Consultants (NZ) Ltd  
 Tel: 64 9 475 5240 www.techcomp.co.nz

## Disclaimer

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Please contact the Australian manufacturer, if further information is required.

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