













Reproductive Toxicity	Suspected of damaging fertility or the unborn child.
Germ Cell Mutagenicity	Not applicable.
Aspiration	Not applicable.
STOT/SE	May cause drowsiness or dizziness.
STOT/RE	May cause damage to organs through prolonged or repeated exposure.

### Ingredient Data Acute

#### Oral Toxicity

Xylene LD50 (mouse) =1700 mg/kg

#### Inhalation

Xylene LD50 (rat) =29.08mg/kg

#### Special circumstances:

Formaldehyde may be produced by thermal decomposition in a fire; Formaldehyde is a suspected carcinogen, toxic by inhalation, and irritating to eyes and the respiratory system. Exposure limits should be strictly respected.

## Section 12 - Ecotoxicological Information

**HSNO Classifications:** 9.1D = Harmful to aquatic life.  
9.3C = Harmful to terrestrial vertebrates.

#### Environmental Precautions

Persistence and degradability Silicone content, biologically not degradable.

Bioaccumulation No bioaccumulation predicted

Mobility in Soil Siloxanes are removed from water by sedimentation or binding to sewage sludge. In soil, siloxanes are degraded. This product hydrolyses in water or moist air, releasing methanol and organosilicons. This product contains volatile substances which may spread in the atmosphere.

Other adverse effects No data available

## Section 13 - Disposal Considerations

### 13.1 Disposal Method

Spent media that has removed toxic chemicals should be examined for specific hazards. Dispose of according to Local Regulations.

Ensure any container holding waste product or contaminated spill media is labelled "Hazardous Waste – Flammable", and that the label also has the Flammable Pictogram, waste type identifier, and the business name, address, and phone number.

**Precautions or methods to avoid:** Avoid release to the environment.

## Section 14 – Transport Information

This product is classified as a Dangerous Good for transport in NZ; NZS 5433:2012



	Road and Rail	Marine Transport (IMDG)	Air Transport (IATA)
UN No	1263	1263	1263
Proper Shipping Name	PAINT	PAINT	PAINT
Class	3	3	3
Packing Group	III	III	III
Hazchem	3Y	3Y	3Y

**Limited Quantities Statement:**

If the product’s individual container is below 5L/kg, it can be transported as a non-DG as long as the product packaging is still labelled as per DG requirements and the driver is given safety information in accordance with Chapter 3.4 of the UNRTDG.

**Section 15 – Regulatory Information**

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2017

EPA Approval Code: Surface Coatings and Colourants (Flammable) – HSR002662

HSNO Classes: 3.1C, 6.1E (dermal), 6.3A, 6.4A, 6.8B, 6.9B, 6.9N 9.1D, 9.3C

HSNO Controls

Trigger quantities for this substance:

HSW (HS) Regulations 2017 and EPA Notices	Trigger Quantity
Certified Handler	Not required
Location Certificate	500L(>5L), 1500L (<5L), 250L open (3.1C)
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	1000L(3.1C)
Emergency Response Plan	10,000L (3.1C, 9.1D)
Secondary Containment	10,000L (3.1C, 9.1D)
Fire Extinguishers	At least 2 x 4.5kg powder extinguishers required when 500L is present in a workplace.
Restriction of Use	Only use for the intended purpose.

**Section 16 – Other Information**

**Glossary**

EC50	Median effective concentration
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms
HSW	Health and Safety at Work.
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.
STOT/SE	Specific target organ toxicity – single exposure



STOT/RE	Specific target organ toxicity – repeated exposure
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2017 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017

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