

Section 1. Identification of the material and the supplier

Product: Propspeed Etching Primer Base

Product Code: Component in Propspeed kits: PSLKIT, PSMKIT, PSSKIT, PSCKIT, 782A(1L), RPS500 (500ml), RPS200 (200mL), and Etching Hardener kit (782BC), EPKIT.

Product Use: Metal Primer Base (Part A)

New Zealand Supplier: Propspeed International Ltd
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Glendene
Auckland 0602
www.propspeed.com
Email: info@propspeed.com

Telephone: +64 9 524 1470
Fax: +64 9 813 5246

Australian Supplier: 18/5 Daintree Place,
West Gosford,
NSW 2250, Australia

Telephone: 1800 677 436

Emergency Response Telephone: New Zealand: 0800 243 622
Australian 1800 127 406
(24 hours, 365 days) Global Access +64 4 917 9888 (ChemCall)

Date of SDS Preparation: 15 September 2021

Section 2. Hazards Identification

Australia:
Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia

New Zealand:
This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval No: Surface Coatings and Colourants (Flammable, Corrosive, Toxic [6.7]) – HSR002664

Pictograms:



Signal Word: DANGER

GHS Classification and Category	Hazard Code	Hazard Statement
Flammable Liquids Cat. 2	H225	Highly flammable liquid and vapour.
Eye irritation Cat. 2	H319	Causes serious eye irritation.
Skin sensitisation Cat. 1	H317	May cause an allergic skin reaction.

Germ cell mutagenicity Cat. 1	H340	May cause genetic defects.
Carcinogenicity Cat. 1	H350	May cause cancer.
Reproductive toxicity Cat. 2	H361	Suspected of damaging fertility or the unborn child ...
Specific target organ toxicity – repeated exposure Cat. 2	H373	May cause damage to organs through prolonged or repeated exposure.
Skin corrosion Cat. 1C	H314	Causes severe skin burns and eye damage.
Hazardous to the aquatic environment chronic Cat. 2	H411	Toxic to aquatic life with long lasting effects.

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read label before use.
P201	Obtain special instructions 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 and lighting.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe dust, fumes, gas, mist, vapours or spray.
P264	Wash hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective clothing as detailed in Section 8.
P281	Use personal protective equipment as required.

Response Code	Response Statement
P101	If medical advice is needed, have product container or label at hand.
P310	Immediately call a POISON CENTER or doctor/physician.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P301 + P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
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.
P304 + P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P370 + P378	In case of fire: Use carbon dioxide or dry powder for extinction.

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

Disposal Code	Disposal Statement
P501	Dispose of according to local regulations

Section 3.	Composition / Information on Hazardous Ingredients
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Ingredient name	Content Weight%	CAS No.
Propan-2-ol	30-60	67-63-0

2-Methylpropan-1-ol	10-30	78-83-1
Zinc chromate	5-10	13530-65-9
Xylene	5-10	1330-20-7
Talc	1-5	14807-96-6

Section 4. First Aid Measures

Burns	Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital.
If in Eyes	Immediately flush with plenty of water. Remove any contact lenses and open eyes wide apart. Call an ambulance and continue flushing during transportation to hospital. Bring these instructions.
If on Skin	Remove contaminated clothing immediately and wash skin with soap and water. Important to remove the substance from the skin immediately. Continue to rinse for at least 15 minutes and seek medical attention.
If Swallowed	Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician immediately.
If Inhaled	Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if needed.

Most important symptoms and effects, both acute and delayed

Symptoms:

Ingestion: Not applicable.

Inhalation: Not applicable.

Skin: Causes severe skin burns May cause an allergic skin reaction.

Eye: Causes serious eye irritation.

Chronic: May cause genetic defects. May cause cancer. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.

Section 5. Fire Fighting Measures

Hazard Type	Flammable liquid
Hazards from combustion products	None in particular
Suitable Extinguishing media	Extinguish with carbon dioxide or dry powder.
Precautions for firefighters and special protective clothing	Selection of respiratory protection for fire- fighting: follow the general fire precautions indicated in the workplace.
HAZCHEM CODE	3YE

Section 6. Accidental Release Measures

Avoid any exposure. Do not smoke, use open fire or other sources of ignition. For personal protection, see section 8. Clean up all spills immediately. Avoid breathing vapours and contact with skin and eyes.

Absorb spillage with non-combustible, absorbent material. Do not use sawdust or other combustible material. Collect spillage in metal/plastic container with tight- fitting lid, with indication of the contents. Dispose as per Section 13.

Section 7. Handling and Storage

Precautions for safe handling:

- Read label before use.

- Read safety data sheet before use.
- Do not handle until all safety precautions have been read and understood.
- Keep away from heat, sparks, open flames and hot surfaces. No smoking.
- Keep container tightly closed.
- Use only non-sparking tools.
- Use explosion proof electrical equipment, ventilation and lighting
- Take precautionary measures against static discharge.
- Avoid breathing fumes and vapours or sprays.
- Wash hands thoroughly after handling.
- Contaminated work clothing should not be allowed out of the workplace.
- Avoid release to the environment.
- Wear protective clothing and protective equipment.

Conditions for safe storage:

- Store in a flameproof, well-ventilated area.
- Electrostatic charges may be generated during transfer of product from its container.
- Ensure that all equipment is electrically earthed.
- Keep container closed and store away from water or moisture.
- Vapours may form explosive mixtures with air.
- Do not store with oxidizing agents.
- Store locked up and away from children.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance		TWA		STEL	
		ppm	mg/m ³	ppm	mg/m ³
Propan-2-ol	[67-63-0]	400	983	500	1250
Isobutyl alcohol	[78-83-1]	50	152	-	-
Zinc Chromates	[13530-65-9]	-	0.01	-	-
Xylene	[1330-20-7]	50	217	-	-
Talc, respirable dust	[14807-96-6]	-	2	-	-

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. Workplace Exposure Standards and Biological Exposure Indices NOV 2020 12TH EDITION.

Engineering Controls:

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours. An eye wash bottle must be available at the work site. Mix and prepare in a place with efficient exhaust ventilation.

Personal Protection Equipment



Eyes	Tight fitting safety goggles or face shield should be used. Avoid wearing contact lenses.
Hands	Wear protective gloves. Nitrile gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable. Other types of gloves can be recommended by the glove supplier.
Skin	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
Respiratory	In case of inadequate ventilation, use positive pressure full face mask.
Hygiene	Wash hands after handling. When using do not eat, drink or smoke. Personal protection may not be worn during meal breaks. Personal protection must be kept

	separate from other clothes. Do not store tobacco, food or beverage in work rooms or areas where the product is used. Contaminated clothing to be placed in closed container until disposal or decontamination. Warn cleaning personnel of chemical's hazardous properties.
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Section 9	Physical and Chemical Properties
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Appearance	Liquid paint
Colour	Yellow
Odour	Solvent
Odour Threshold	Not available
pH	Not available
Boiling Point	81 - 108°C
Melting Point	Not available
Freezing Point	Not available
Flash Point	14°C
Flammability	Highly Flammable
Upper and Lower Explosive Limits	1.1 – 12.0%
Vapour Pressure	4266 Pa
Relative Vapour Density	~ 2.1 (air=1)
Specific Gravity	0.87 – 0.92 g/cm ³
Water Solubility	insoluble in water, soluble in organic solvents
Partition Coefficient:	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	500 – 750cP
Particle Characteristics	Not available
Evaporation Rate	Not available

Section 10.	Stability and Reactivity
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Stability of Substance	Stable under normal usage conditions. Curing time: 10 min – 60 min (20°C)
Possibility of hazardous reactions	Data not Available
Conditions to Avoid	Avoid heat, flames and other sources of ignition.
Incompatible Materials	Avoid contact with alkalis. Avoid contact with oxidisers or reducing agents.
Hazardous Decomposition Products	None in particular.

Section 11	Toxicological Information
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Acute Effects:

Swallowed	Not applicable.
Dermal	Not applicable.
Inhalation	Not applicable.
Eye	Causes serious eye irritation.
Skin	Causes severe skin burns. May cause an allergic skin reaction.

Chronic Effects:

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

Ingredient Data:**Acute Oral Toxicity**

Propan-2-ol	LD50(mouse)	= 3600 mg/kg
2-Methylpropan-1-ol	LD50 (rat)	= 2460 mg/kg
Xylene	LD50 (mouse)	= 1590 mg/kg

Acute Dermal Toxicity

2-Methylpropan-1-ol	LC50 (rat)	= 3400 mg/kg
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Inhalation

Xylene	LC50 (Mouse)	=27.6mg/L
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Special Effects

Contains: Zinc Chromate

Carcinogen Category 1. Known or suspected carcinogen for humans. May cause sensitisation.

Section 12. Ecotoxicological Information**Toxic to aquatic life with long lasting effects.**

Zinc chromate: L(E)C50 > 0.1 ≤ 1 mg/l

Persistence and degradability	The product hardens to a not readily degradable mass. This product is expected to be not readily.
Bioaccumulation	No data available
Mobility in Soil	The product hardens to a solid immobile substance. The product contains substances, which are water soluble and may spread in water systems. The product contains volatile substances, which may spread in the atmosphere.
Other adverse effects	No data available

Do not allow to enter waterways.

Section 13. Disposal Considerations**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, Chronic and Ecotoxic" and that the label also has the Flammable, Chronic and Ecotoxic Pictogram, waste type identifier, and the business name, address, and phone number.

Precautions or methods to avoid: Do not allow to enter into waterways.

Section 14 Transport Information

Australia - This product is classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) (7th edition).

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

**Road, Rail, Sea and Air Transport**

UN No	1263
Class – Primary	3
Packing Group	II
Proper Shipping Name	PAINT
Marine Pollutant	No
Special Provisions	If the product's individual container is below 5L, 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

Australia:

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

New Zealand:

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval Code: **Surface Coatings and Colourants (Flammable, Corrosive, Toxic [6.7]) – HSR002664**

HSW (HS) Regulations 2017 and EPA Notices	Trigger Quantity
Certified Handler	Not required
Location Certificate	100L(>5L), 250L (<5L), 50L open
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	250L
Emergency Response Plan	1000L
Secondary Containment	1000L
Fire Extinguishers	At least 2 x 4.5kg powder extinguishers required when 250L is present in a workplace.
Restriction of Use	Only use for the intended purpose.

Section 16 Other Information

Glossary

Cat	Category
EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC ₅₀	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD ₅₀	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

References:

Australia:

1. Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
2. Standard for the Uniform Scheduling of Medicines and Poisons.

3. Australian Code for the Transport of Dangerous Goods by Road & Rail.
4. Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.
5. Workplace exposure standards for airborne contaminants, Safe work Australia.
6. American Conference of Industrial Hygienists (ACGIH).
7. Globally Harmonised System of classification and labelling of chemicals.

New Zealand:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2020 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

Disclaimer

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Please contact the New Zealand Manufacturer or Australian supplier, if further information is required.

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