PROPSPEED ETCHING PRIMER BASE
Safety Data Sheet
Language EN

Section 1 - Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name 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.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses Metal Primer Base (Part A)

Restrictions of use Refer to Section 15

1.3 Details of the supplier of the Safety Data Sheet

Supplier

Propspeed USA Inc.
8333 NW 53rd Street
Suite 450
Doral, FL 33166
USA
www.propspeed.com

+1 754 346 4466

1.4 Emergency telephone number

Emergency Response Telephone (24 hours, 365 days)

USA & Canada - Call CHEMTREC Toll Free: 1-800-424-9300
+1-703-527-3887
New Zealand 0800 243 622
Australian 1800 127 406
Global Access +64 4 917 9888

NZ National Poisons Centre Telephone 0800 POISON (0800 764 766)

Date of SDS Preparation 24 April 2024, Version 7

Section 2 - Hazards identification

2.1 Classification

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

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

2.2 GHS label elements, including precautionary statements

GHS pictograms:

Flammable Chronic Irritant Corrosive Ecotoxic

GHS Signal word: **Danger**

Hazard Code	Hazard Statement	GHS Category
H225	Highly flammable liquid and vapour.	Flam. Liq. 2
H315	Causes skin irritation.	Skin Irrit. 2
H317	May cause an allergic skin reaction.	Skin Sens. 1
H318	Causes serious eye irritation.	Eye Dam. 1
H335	May cause respiratory irritation	STOT SE 3
H336	May cause drowsiness or dizziness	STOT SE 3
H350	May cause cancer.	Carc. 1A
H373	May cause damage to organs through prolonged or repeated exposure.	STOT RE 2
H410	Very toxic to aquatic life with long lasting effects.	Aquatic Chronic 1

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 hotsurfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilation and lighting.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe fumes, vapours and spray.

P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed outof the workplace.
P273	Avoid release to the environment.
P280	Wear protective clothing 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.
P312	Call a POISON CENTER or doctor if you feel unwell.
P314	Get medical advice/attention if you feel unwell
P321	Specific treatment (see supplemental first aid instruction on this label)
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P301+P316	IF SWALLOWED: Get emergency medical help immediately.
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.
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P370 + P378	In case of fire: Use media other than water to extinguish.

Storage Code	**Storage Statement**
P405	Store locked up.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed
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 ingredients

3.1 Hazard Components

Ingredient name	Content Weight %	CAS No.
Propan-2-ol	30-60	67-63-0
2-Methylpropan-1-ol	10-30	78-83-1
Xylene	5-10	1330-20-7
Zinc Hydroxide	5–10	20427-58-1
Zinc Chromate	1–5	13530-65-9
Non-hazardous ingredients	To balance	

Section 4 - First aid measures

4.1 Description of 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	Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician or poisoning centre immediately.
If Inhaled	Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if needed.

4.2 Most important symptoms and effects, both acute and delayed

<u>Symptoms</u>

Ingestion:	May be harmful if swallowed.
Inhalation:	Not applicable
Skin:	Causes severe skin burns and eye damage. May cause an allergic skin reaction.
Eye:	Causes serious eye irritation.
Chronic:	May cause genetic defects. May cause cancer. May cause damage to organs through prolonged or repeated exposure.

Section 5 – Firefighting measures

Hazard Type	Flammable liquid
Hazards from decomposition 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. Follow precautions for safe handling described in this safety data sheet.
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.

Section 7 - Handling and storage

Precautions for safe handling:

- Keep out of reach of children.
- 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.

Section 8 - Exposure controls/personal protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg.m³	ppm	mg.m³
Propan-2-ol	400	980	500	1250
2-Methylpropan-1-ol	50	152		
Xylene, o-, m-, p-or mixed Isomers	100	435		
Zinc chromates, as Cr 6.7A [13530-65-9]		0.005		

USA OSHA Permissible Exposure Limits (PELs) Table Z-1, April 2024. 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 workingday 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:
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

Respiratory	In case of inadequate ventilation, use air-supplied full-mask.
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.
Eyes	Tight fitting safety goggles or face shield should be used. Avoid wearing contact lenses.
Skin	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
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.

Section 9 – Physical and chemical properties

Appearance	liquid paint
Colour	yellow
Odour	solvent
Odour threshold	data not available
pH	not applicable (solvent based product)
Boiling point	81 – 108 °C
Melting point	data not available
Freezing point	data not available
Flash point	14 °C
Flammability	data not available
Upper and lower Explosive Limits	1.1 – 12.0 vol %
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	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
Viscosity	500 – 750 cP
Particle Characteristics	data not available

Section 10 – Stability and reactivity

Stability of Substance	Stable under normal usage conditions. Curing time: 10 min - 1 h (20°C)
Possibility of hazardous reactions	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

Acute Effects:

Swallowed	May be harmful if swallowed.
Dermal	May be harmful if in contact with skin.
Inhalation	Not applicable.
Eye	Causes serious eye irritation.
Skin	Causes severe skin burns and eye damage. 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

Inhalation

Xylene	LC50 (mouse)	= 27.6 mg/L

Special Effects:
Contains: Zinc chromate
Carcinogen Category 1. Known or suspected carcinogen for humans.
May cause sensitisation.

Section 12 – Ecotoxicological information

HSNO Classifications:	9.1B = Toxic to aquatic life with long lasting effects. Zinc chromate: L(E)C50 > 0.1 ≤ 1 mg/l

Environmental Precautions

Persistence and Degradability	The product hardens to a not readily degradable mass. This product is expected to be not readily biodegradable.
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

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” 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 number	1263	1263	1263
UN proper shipping name	PAINT	PAINT	PAINT
Transport hazard class(es)			
Packing group	II	II	II
Hazchem	3YE	3YE	3YE
Marine Pollutant		Yes	
EmS		F-E, S-E	

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, Corrosive, Toxic [6.7]) – HSR002664
HSNO Classes:	3.1B, 6.1E (oral), 6.4A, 6.5B, 6.6A, 6.7A, 6.8B, 6.9B, 8.2C, 9.1B.

HSNO Controls
Trigger quantities for this substance:

HSW (HS) Regulations 2017 and EPA Notices	**Trigger Quantity**
Certified Handler	Not required
Location Certificate	100L(>5L), 250L (<5L), 50L open (3.1B)
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	250L(3.1B)
Emergency Response Plan	1000L(3.1B)

Secondary Containment	1000L(3.1B)
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

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

Reference:

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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