

Section 1 Identification of the material and the supplier

Product: A. Propspeed Etching Primer Base
B. Propspeed Etching Primer Hardener

Product Code:
Product Use: Metal Primer

New Zealand Supplier: Oceanmax International Ltd
Po Box 83232
Edmonton
Auckland, 0652
www.propspeed.com

Emergency Telephone: 0800 CHEMCALL (0800 243 622)
For any Hazardous Substance Emergency
(24 hours, 365 days)

Date of SDS Preparation: 25 June 2014 – version 2

Section 2 Hazards Identification

This substance is classified as a dangerous good according to NZS5433: 2007

This substance is hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001

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

COMPONENT A:

Pictograms:



HSNO Classification	Hazard Code	Hazard Statement
3.1B	H225	Highly flammable liquid and vapour.
6.4A	H319	Causes serious eye irritation.
6.5B	H317	May cause an allergic skin reaction.
6.6A	H340	May cause genetic defects
6.7A	H350	May cause cancer
6.8B	H361	Suspected of damaging fertility or the unborn child
6.9B	H373	May cause damage to organs through prolonged or repeated exposure
8.2C	H314	Causes severe skin burns and eye damage.
9.1B	H411	Toxic to aquatic life with long lasting effects.

All chemicals present in this product are on the TSCS List

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read label before use.
P104	Read safety data sheet before use
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from sparks, open flames or hot surfaces. No smoking.
P233	Keep container tightly closed.
P241	Use explosion-proof electrical, ventilating and lighting
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing fumes and vapours.
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 and equipment

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.
P314	Get medical advice/attention if you feel unwell.
P331	Do NOT induce vomiting.
P338	Remove contact lenses, if present and easy to do. Continue rinsing.
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

COMPONENT B:**Component B:**

HSNO Classes: 3.1B, 6.1E, 8.2C, 8.3A

EPA Approval Code: Surface Coatings and Colourants (Flammable, Corrosive) – HSR002663

Pictograms:

HSNO Classification	Hazard Code	Hazard Statement
3.1B	H225	Highly flammable liquid and vapour.
6.1E (oral)	H303	May be harmful if swallowed.
8.2C	H314	Causes severe skin burns and eye damage.
8.3A	H318	Causes serious eye damage.

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read label before use.
P104	Read safety data sheet before use
P210	Keep away from sparks, open flames and 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 fumes and vapours.
P264	Wash hands thoroughly after handling.
P280	Wear protective clothing.

Response Code	Response Statement
P101	If medical advice is needed, have product container or label at hand.
P101	If medical advice is needed, have product container or label at hand.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P331	Do NOT induce vomiting.
P363	Wash contaminated clothing before reuse.
P301 + P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
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.
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

COMPONENT A:

Ingredients	Wt%	CAS NUMBER.
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
Non-hazardous ingredients	To balance	

COMPONENT B:

Ingredients	Wt%	CAS NUMBER.
Propan-2-ol	60-100	67-63-0
Phosphoric Acid	10-20	7664-38-2
Non-hazardous ingredients	To balance	

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	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.

Section 5

Fire Fighting 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.
- Take precautionary measures against static discharge.
- Avoid breathing fumes and vapours or sprays.
- Wash hands thoroughly after handling.
- Use only outdoors or in a well-ventilated area.
- 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

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA	mg/m ³	STEL	mg/m ³
	ppm		ppm	
COMPONENT A				
Propan-2-ol	400ppm	999 mg/m ³	500ppm	1250 mg/m ³
2-Methylpropan-1-ol	50ppm	154 mg/m ³	75ppm	231 mg/m ³
Chromium (VI) compounds (as Cr)		0.05 mg/m ³		
Xylene, o-, m-, p-or mixed Isomers	50ppm	220 mg/m ³	100ppm	441 mg/m ³
Talc, respirable dust		1 mg/m ³		
COMPONENT B				
Propan-2-ol	400ppm	999 mg/m ³	500ppm	1250 mg/m ³
2-Methylpropan-1-ol		1 mg/cm ³		2 mg/cm ³

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:

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 Protective Equipment:**Respiratory:**

In case of inadequate ventilation, use air-supplied full-mask.

Hand Protection:

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.

Eye Protection:

Tight fitting safety goggles or face shield should be used

Skin Protection:

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene Measures:

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**

	COMPONENT A	COMPONENT B
Physical State:	Yellow Liquid	Clear Liquid
Odour:	Solvent	Solvent
Solubility:	Insoluble in water, Soluble in organic solvents	Soluble in water
Relative Vapour Density (air=1):	0.85 – 0.95	0.85 – 0.95
Boiling point:	81 - 108°C	81 – 81°C
Vapour Pressure:	4266 Pa	4266Pa
Flash Point:	17.5°C	15°C
Explosion Limits:	1.1 – 12.0 vol%	1.1 – 11.2 vol%

Section 10**Stability and Reactivity**

Chemical Stability	Stable under normal usage conditions Curing time: 10 min - 1 h (20 °C)
Conditions to Avoid	Avoid heat, flames and other sources of ignition.
Incompatibility	Avoid contact with acids and alkalis. Avoid contact with oxidisers or reducing agents.
Hazardous Decomposition Products	None in particular

Section 11**Toxicological Information****Acute Oral Toxicity:**

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

Acute Dermal Toxicity:

2-Methylpropan-1-ol	LD50 (rabbit) = LD50 3400mg/kg
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Inhalation

Xylene	LD50 (rat) = LC50 27.6mg/L
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Chronic Effects:**Inhalation:**

Harmful by inhalation. Vapours may irritate throat and respiratory system and cause coughing. In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea.

Skin Contact:

Strongly irritating. Prolonged contact may cause burns. Harmful in contact with skin. May be absorbed through the skin. Risk of sensitisation or allergic reactions among sensitive individuals.

Eye Contact:

Strongly irritating. Risk of serious damage to eyes

Ingestion:

Harmful if swallowed. May be absorbed in the body and cause dizziness, nausea and vomiting

Special Effects:

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

Section 12

Ecotoxicological Information

COMPONENT A:

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

Zinc chromate L(E)C50 > 0.1 ≤ 1 mg/l

Environmental Precautions

Mobility: 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.

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

Section 13

Disposal Considerations

Triple rinse or crush containers and dispose of in accordance with Local Regulations.

Section 14

Transport Information

Component A and B are classified as a dangerous goods for Land Transport according to NZS5433: 2007

Road and Rail Transport

UN No 1263
Class-primary 3
Packing Group II
Proper Shipping Name PAINTS

Marine Transport

UN No 1263
Class-primary 3
Packing Group II
Proper Shipping Name PAINTS
Marine Pollutant Yes
EmS F-E, S-E

Air Transport

UN No 1263
Class-primary 3
Packing Group II
Proper Shipping Name PAINTS

Section 15**Regulatory Information****COMPONENT A:**

HSNO Classes: 3.1B, 6.4A, 6.5B, 6.6A, 6.7A, 6.8B, 6.9B, 8.2C, 9.1B

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

HSNO Controls
Trigger quantities for this substance:

	Trigger Quantity
Approved Handler	>10kg/L (6.7A)
Location Certificate	100L(>5L), 250L (<5L), 50L open
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	250L(3.1B)
Emergency Response Plan trigger Quantities	1000L(3.1B)

COMPONENT B:

HSNO Classes: 3.1B, 6.1E, 8.2C, 8.3A

EPA Approval Code: **Surface Coatings and Colourants (Flammable, Corrosive) – HSR002663**

HSNO Controls
Trigger quantities for this substance:

	Trigger Quantity
Approved Handler	250L if container >5L 500L if container <5L
Location Certificate	100L(>5L), 250L (<5L), 50L open
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	250L(3.1B)
Emergency Response Plan trigger Quantities	1000L(3.1B)

Section 16**Other Information**

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.

Disclaimer

This document has been compiled by TCC on behalf of the manufacturer of the product and serves as the manufacturer's Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC by the manufacturer or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While TCC has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, TCC accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

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