



SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Issue Date: 1st May 2011 **Issue Number :** 1

Product Name: A: Prospeed Etching Primer Base
B: Prospeed Etching Primer Hardener.

Proper Shipping Name: Paint – Solvent Based

Use : Metal Primer

Supplier: Oceanmax International Ltd
Po Box 98
Westpark Marina
Hobsonville
Auckland

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

2. HAZARDS IDENTIFICATION

The product is classified:
COMPONENT A: Carc 1 ;R45 F;R11 Xn;R20/21/22 Xi;R37/38-41 R43 N;R51/53
COMPONENT B: F;R11 Xi;R36/38 R67

Physical and Chemical Hazards: The product is highly flammable and may be ignited even after short contact with an ignition source. The product may form explosive vapours/air mixtures even at normal room temperatures.

Human Health: May cause cancer. Harmful by inhalation, in contact with skin and if swallowed. Irritating to skin. Risk of serious damage to eyes. May cause sensitization. The product contains organic solvents. In high concentrations, vapours may be irritating to the respiratory system.

Environment: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.



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3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains:

COMPONENT A: organic solvent, Zinc chromate, fillers and additives.

COMPONENT B: organic solvent and Phosphoric acid

Component A

<u>%:</u>	<u>CAS-No.:</u>	<u>EC No.:</u>	<u>Chemical name:</u>	<u>Hazard classification:</u>
30-60	67-63-0	200-661-7	Propan-2-ol	F;R11 Xi;R36 R67
10-30	78-83-1	201-148-0	2-Methylpropan-1-ol	R10 Xi;R37/38-41 R67
5-10	49663-84-5	256-418-0	Zinc chromate	Carc. Cat. 1;R45 Xn;R22 R43 N;R50/53
5-10	1330-20-7	215-535-7	Xylene	R10 Xn;R20/21 Xi;R38
1-5	14807-96-6	238-877-9	Talc	

Component B

<u>%:</u>	<u>CAS-No.:</u>	<u>EC No.:</u>	<u>Chemical name:</u>	<u>Hazard classification:</u>
60-100	67-63-0	200-661-7	Propan-2-ol	F;R11 Xi;R36 R67
10-20	7664-38-2	231-633-2	Phosphoric acid	C;R34

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.

Inhalation:	Move injured person into fresh air and keep person calm under observation. If uncomfortable: Seek hospital and bring these instructions.
Skin Contact:	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.
Eye Contact:	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.
Ingestion:	Immediately rinse mouth and drink plenty of water. Call an ambulance. Bring along these instructions.

5. FIRE-FIGHTING MEASURES

Extinguishing media:	Extinguish with carbon dioxide or dry powder.
Specific Hazards:	In case of fire, toxic gases may be formed.
Protective equipment for fire-fighters:	Selection of respiratory protection for fire- fighting: follow the general fire precautions indicated in the workplace.



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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: 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.

Environmental Precautions: Do not discharge into drains, water courses or onto the ground.

Methods for Cleaning up: 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. For waste disposal, see section 13.

7. HANDLING AND STORAGE

Safe handling advice: Avoid any exposure. Observe good chemical hygiene practices.

Technical Measures: Use work methods which minimise spreading of vapours, dust, smoke, aerosols, splashes etc. to the extent technically possible. Do not store tobacco, food or beverage in work rooms or areas where the product is used. Do not eat, drink or smoke when using the product. Do not smoke or use open fire or other sources of ignition.

Technical Precautions: Put up warning sign. Provide easy access to water supply and eye wash facilities. Private clothes and working clothes should be kept separately.

Technical measures for Safe storage: Follow rules for flammable liquids.

Storage conditions: Store in tightly closed original container in a well-ventilated place. Store in locked poison cupboard/room.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures: 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.

Component A

Chemical Name:	Exposure limits:	Type:	Notes:	References:
Propan-2-ol	400ppm 500ppm	999 mg/m ³ 1250 mg/m ³	TWA STEL	- 15min
2-Methylpropan-1-ol	50ppm 75ppm	154 mg/m ³ 231 mg/m ³	TWA STEL	- 15min
Chromium (VI) compounds (as Cr)		0.05 mg/m ³	TWA	Carc, Sen
Xylene, o-, m-, p-or mixed Isomers	50ppm 100ppm	220 mg/m ³ 441 mg/m ³	TWA STEL	Sk 15min
Talc, respirable dust		1 mg/m ³	TWA	-



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Component B

Chemical Name:	Exposure limits:	Type:	Notes:	References:	
Propan-2-ol	400ppm	999 mg/m ³	TWA	-	EH40
	500ppm	1250 mg/m ³	STEL	15min	
2-Methylpropan-1-ol		1 mg/m ³	TWA	-	EH40
		2 mg/m ³	STEL	15min	

Personal Protection: Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Respiratory equipment: 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: Wear tight-fitting goggles or face shield.

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.

Environmental Exposure controls: Not available.

9. PHYSICAL AND CHEMICAL PROPERTIES

	Component A	Component B
Appearance:	Liquid / Yellow	Clear Liquid
Odour:	Solvent.	Solvent.
pH:	not relevant	not available
Boiling Point:	81-108°C	81-82 °C
Flash point:	17,5 °C	15 °C
Explosion limits:	1,1 – 12,0 vol%	1,1 – 11,2 vol%
Vapour pressure:	4266 Pa	4266 Pa
Relative density:	0,85-0,95	0,85-0,95
Solubility:	Insoluble in water. Soluble In: Organic solvents.	Soluble in water.



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10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Comments refer to the material in its uncured state.

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

12. ECOLOGICAL INFORMATION

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.
Exotoxicity:	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Zinc chromate (0,1 < L(E)C50 ≤ 1 mg/l)
Bioaccumulative potential:	No data available on bioaccumulation.
Other adverse effects:	The product contains volatile, organic compounds which have a photochemical ozone creation potential.



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13. DISPOSAL CONSIDERATIONS

Waste is classified as hazardous waste. Waste, residue, empty containers, discarded work clothes and used disposable towels must be collected in designated receptacles, labelled with content. Dispose of waste and residues in accordance with local authority requirements.

Waste from residues: EWC-code: 08 01 11
Used cloths, etc. EWC-code: 15 02 02

Contaminated packaging: EWC-code: 15 01 10

14. TRANSPORT INFORMATION

Component A

UN-number: 1263
Proper shipping name: PAINT

Other information:
The product is classified: Environmentally Hazardous substance

Sea (IMDG):

Class: 3
PG: II
MP: Yes
EmS: F-E , S-E
MFAG: 1
Inland waterways: To be handled locally.

Air (ICAO/IATA):

Class: 3
PG: II

Land (RID/ADR):

Class: 3
Packing group: II
Primary risk label: 3
Subsidiary risk label: -

Component B

UN-number: 1263
Proper shipping name: PAINT

Sea (IMDG):

Class: 3
PG: II
MP: No
EmS: F-E , S-E
MFAG: 1
Inland waterways: To be handled locally.



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Air (ICAO/IATA):

Class: 3

PG: II

Land (RID/ADR):

Class: 3

Packing group: II

Primary risk label: 3

Subsidiary risk label: -

15. REGULATORY INFORMATION

Component A



Contains: Zinc chromate

- R45 May cause cancer.
R20/21/22 Also harmful by inhalation, in contact with skin and if swallowed.
R11 Highly flammable.
R37/38 Irritating to respiratory system and skin.
R41 Risk of serious damage to eyes.
R43 May cause sensitisation by skin contact.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- S16 Keep away from sources of ignition - No smoking.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S35 This material and its container must be disposed of in a safe way.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
S53 Avoid exposure - obtain special instructions before use.
- Restricted to professional users.

Component B



- R11 Highly flammable.
R36/38 Irritating to eyes and skin.
R67 Vapours may cause drowsiness and dizziness.
- S7/9 Keep container tightly closed and in a well-ventilated place.
S16 Keep away from sources of ignition - No smoking.
S24/25 Avoid contact with skin and eyes.
S35 This material and its container must be disposed of in a safe way.
S37 Wear suitable gloves.

Package ≤ 125 ml: Standard Risk and Safety phrases may be omitted.



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As a general rule, persons under 18 years of age are not allowed to work with this product. Users must be carefully instructed in the proper work procedure, the dangerous properties of the product and the necessary safety instructions.

National regulation: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 (S.I 2002 No. 1689) with amendments. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments. EH40/2005, Workplace exposure limits 2005, with amendments. The Management of Health and Safety at Work Regulations 1999 (SI 1999 No. 3242). The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895).

16. OTHER INFORMATION

For restrictions on use see section 15. Where nothing else is stated, the information in this safety data sheet refer to the mixture.

Wording of Risk Phrases:

R10	Flammable.
R11	Highly Flammable.
R20/21	Harmful by inhalation and in contact with skin.
R20/21/22	Harmful by inhalation and in contact with skin and if swallowed.
R22	Harmful if swallowed
R34	Causes burns.
R36	Irritating to eyes.
R36/38	Irritating to eyes and skin.
R37/38	Irritating to respiratory system and skin.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R43	May cause sensitisation by skin contact.
R45	May cause cancer.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67	Vapours may cause drowsiness and dizziness.

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.