

MATERIAL SAFETY DATA SHEET

Issue4
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Statement of Hazardous Nature: Flammable liquid. Vapours are flammable and toxic

Company Details:
Company Name: OCEANMAX INTERNATIONAL LTD
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New Zealand

Telephone: 0274-337-928
National Poisons Centre: 03-474-7000

IDENTIFICATION

Product Name: *PROPSPEED ETCHING PRIMER BASE*
Other Names: Etch Primer Base
Manufacturers Code: PROPSPEED ETCHING PRIMER BASE
UN Number: 1263
DG Class: 3a
Hazchem Code: 3[Y]E
Toxic Substances Schedule: Schedule 5 (exempt material..paints)
Uses: Etch Primer for non-ferrous metals, zinc and steel

Physical Description/Properties:

Appearance: Yellow liquid
Boiling Point: 81 - 108°C
Vapour Pressure: 4266 pa
Percent Volatiles: 12% w/w
Specific Gravity: 0.85-0.95
Flash Point: 17.5°C
Flammability Limits: LEL 1.1 UEL 12.0 %vol
Solubility in Water : Nil

HAZARDOUS INGREDIENTS

Chemical Entity	C.A.S. Number	Proportion
Isobutanol	78-83-1	Low (<10%)
Isopropyl Alcohol	67-63-0	High (>60%)
Zinc Chromate	13530-65-9	Low (<10%)

HEALTH HAZARD INFORMATION

Health Effects

Acute

- Swallowed:** Possible Nausea and vomiting. Likely to cause severe irritation and possible toxic reaction.
- Eye:** contact will cause severe irritation.
- Skin:** Prolonged or repeated contact may cause irritation and dermatitis.
- Inhaled:** Vapours may irritate mucous membranes. Prolonged exposure may cause drowsiness and nausea and possible loss of consciousness in extreme cases.
- Chronic Effects:** Prolonged or repeated exposure may cause asthma and skin sensitisation or other allergic response. Long term exposure to solvent vapours may cause changes to personality and loss of short term memory.

First Aid

- Swallowed:** Do not induce vomiting. Give milk or water to dilute. Seek medical attention.
- Eye:** Flush with copious quantities of clean water holding eyelids open. Seek medical attention immediately.
- Skin:** Wash skin with soap and water. Remove contaminated clothing and shoes. Seek medical attention if reddening or swelling occurs.
- Inhaled:** Move subject to fresh air. Administer artificial respiration or oxygen if necessary. Seek medical attention if effects persist.
- Advice to Doctor:** None.

PRECAUTIONS FOR USE

- Exposure Limits:** FLV 0.01mg/m₃ (Zinc Chromate)
TLV 400ppm (Isopropanol)
- Ventilation:** Use only with excellent ventilation.
- Personal Protection:** Wear gloves and eye protection. When spraying wear a respirator fitted with a combined organic vapour and particulate cartridge.
- Flammability:** Highly Flammable

SAFE HANDLING INFORMATION

Storage and Handling: Store in a cool dry and well ventilated place. Avoid naked flame and strong oxidising agents.

Spills and Disposal: Prevent run-off into stormwater drains or waterways with sand bags or adsorbent material. Adsorb onto sand and shovel into open top containers which can be sealed. Clean area with detergent and water.

Dispose in accordance with local body requirements treating as liquid paint waste. solvent borne.

FIRE & EXPLOSION HAZARD DATA

Dot Category: FLAMMABLE LIQUID

Extinguishing Medium: CHEMICAL FOAM, DRY POWDER, CO₂ OR WATER FOG

Flammability Limits: LEL 1.1%
UEL 12.0%

Special Fire & Explosion Hazards:

Vapours are heavier than air and may travel along the ground and be ignited by ignition sources some distance away.

Containers should be kept cool with water fog during a fire.

Special Fire Fighting Procedures:

Water or foam may cause violent frothing which could endanger fire fighting staff by spraying flammable liquid.

Self contained breathing apparatus should be used with full face protection.

EMERGENCY CONTACT NUMBERS

OCEANMAX INTERNATIONAL LTD: 0274-337-928

NATIONAL POISON CENTRE: 03-474-7000 24hrs

EMERGENCY SERVICE: 111