

MATERIAL SAFETY DATA SHEET (MSDS)

MSDS 781
Issue 3
August 2004

Statement of Hazardous Nature Flammable liquid. Vapors are flammable and toxic.

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Emergency Service **800.424.9300 Chemtrec**
N.R.C. **800.424.8802**
National Poison Center **800.282.3171**

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 Xylene, Isopropyl Alcohol, Zinc Chromate
Uses Etch primer for non-ferrous metals, zinc and steel

Physical Description / Properties

Appearance Yellow liquid
Boiling Point 178 - 226 degrees Fahrenheit, 81-108°C
Vapor Pressure 4266 pa
Percent Volatiles 12% w/w
Specific Gravity 0.85 - 0.95
Flash Point 63.5 degrees Fahrenheit, 17.5°C
Flammability Limits LEL 1.1
UEL 12.0% vol
Solubility in Water Nil
VOC Content 650 grams per liter
Mil Thickness Wet 1.25
Dry .32

Hazardous Ingredients

Chemical Entity Xylene
C.A.S. Number 1330-20-7
Proportion Low (<10%)
Chemical Entity Isopropyl Alcohol
C.A.S. Number 67-63-0
Proportion High (>60%)
Chemical Entity Zinc Chromate
C.A.S. Number 13530-65-9
Proportion Low (<10%)

PRECAUTIONS FOR USE

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Exposure Limits	TLV 400ppm (Xylene) FLV 0.01mg/m ³ (Zinc Chromate)
Ventilation	Use only with excellent ventilation.
Personal Protection	Wear gloves and eye protection.
Flammability	Highly Flammable

HEALTH HAZARD INFORMATION

Health Effects

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	Vapors may irritate mucous membranes. Prolonged exposure may cause drowsiness and nausea. Possible loss of consciousness in extreme cases.
Chronic Effects	Prolonged or repeated exposure may cause asthma and skin sensitivity or other allergic response. Long term exposure to solvent vapors may cause changes to personality and loss of short term memory.

First Aid

Swallowed	Do not induce vomiting. Give milk or water to dilute. <u>Seek medical attention immediately.</u>
Eye	Flush with copious quantities of clean water holding eyelids open. <u>Seek medical attention immediately.</u>
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. <u>Seek medical attention if effects persist.</u>
Advice to Doctor	None.

SAFE HANDLING INFORMATION

Storage and Handling	Store in a cool dry and well ventilated place. Avoid naked flame and strong oxidizing agents.
Spills and Disposal	Prevent run-off into storm water drains or waterways with sand bags or absorbent material. Absorb 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.

FIRE AND EXPLOSION DATA

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D.O.T. Category	Flammable Liquid
Extinguishing Medium	Chemical Foam Dry Powder CO2 Water Fog
Flammability Limits	LEL 1.1% UEL 12.0%

Special Fire and Explosion Hazards

Vapors 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 personnel by spraying flammable liquid.

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

EMERGENCY CONTACT NUMBERS

Emergency Service **800.424.9300**

N.R.C. **800.424.8802**

National Poison Center **800.282.3171**

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