

MATERIAL SAFETY DATA SHEET (MSDS)

MSDS 780.3
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 Hardener
Other Names Etch Primer Hardener
Manufacturers Code Propspeed Etching Primer Hardener
UN Number 1263
DG Class 3.3
Hazchem Code 3[Y]
Toxic Substances Xylene, Isopropyl Alcohol
Uses Etch primer for non-ferrous metals, zinc and steel

Physical Description / Properties

Appearance Clear liquid
Boiling Point 226 - 292 degrees Fahrenheit, 81-82°C
Vapor Pressure 4266 pa
Percent Volatiles 95% w/w
Specific Gravity 0.85 - 0.95
Flash Point 43 degrees Fahrenheit, 15°C
Flammability Limits LEL 1.1
UEL 11.2% vol

Chemical Entity Phosphoric Acid
C.A.S. Number 7664-38-2
Proportion Low (<10%)

Chemical Entity Isopropyl Alcohol
C.A.S. Number 67-63-0
Proportion High (>60%)
Solubility in Water Nil

PRECAUTIONS FOR USE

Exposure Limits TLV 50ppm (n-Butanol)
STEL Not available

Ventilation Use only with excellent ventilation.

Personal Protection Wear gloves and eye protection.

Flammability Highly Flammable

HEALTH HAZARD INFORMATION

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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

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