

MATERIAL SAFETY DATA SHEET

PRODUCT IDENTITY: FAST DRY METAL PRIMER LVOC

SECTION 1 - Preparation/Product Information

Manufactured and Supplied By: Emergency Telephone No: (613) 996-6666
Niagara Protective Coatings Date Prepared: July 1, 2015
7071 Oakwood Ave.
Niagara Falls, Ontario L2E 6S5 Product Use: Metal Primer
T.D.G. Classification:3.2 UN Number:1263
WHMIS:Health:2 Flammability:2 Reactivity:0 Other:0

Section 2 - Hazardous Ingredients/Identity Information

<u>HAZARDOUS COMPONENTS:</u> <u>CHEMICAL IDENTITY</u>	<u>EXPOSURE LIMITS:</u> <u>TLV</u>	<u>TOXICITY:</u>	<u>AMOUNT:</u> <u>%</u>
Xylene (CAS # 1330-20-7)	100 ppm	4300mg/kg 6350ppm/4h	<10%
Acetic acid, tert-butyl ester (CAS # 540-88-5)	200 ppm	4500mg/kg 4200ppm/6h	5-15%
Toluene (CAS #108-88-3)	50 ppm 188 mg/m3	N.D.	< 10%
VM&P Naphtha (CAS # 64742-89-8)	100 ppm 525mg/m3	N.D.	< 5%
Zinc Oxide (CAS #1314-13-2)	10 mg/m ³	Acute: 7950 < 5% mg/kg [Mouse]	

SECTION 3 - Physical/Chemical Characteristics

Boiling Point: 130 - 200°C

Specific Gravity: 1.50

Vapour Pressure (mmhg) :>7.1

Vapour Density (air=1): 4.8

Freezing Point: N/A.

ph: N/A.

Evaporation Rate: N/A.

Solubility In Water: Insoluble

VOC: 380 grams/litre

% Solids: 50 - 60%

Appearance: Pigmented Liquid

Odour: Slight hydrocarbon Odour

SECTION 4 - Fire and Explosion Hazard Data

Flash Point (deg C) and Method: 42 C - T.C.C.

Flammable Limits/% Volume in Air: LEL: 1.0% UEL: 11.5%

Auto-ignition Temperature (deg C): 500 C

Extinguishing Media: Carbon Dioxide, Water Fog, Dry Chemical, Foam

Special Fire Fighting Procedures: Wear Self-contained Breathing Apparatus and approved protective clothing

Ignitable: YES: x NO:

Unusual Fire and Explosion Hazards: None

SECTION 5 - Reactivity Data

Stable: x Hazardous Polymerization: Will Not Occur

Incompatibility (Materials to Avoid): Oxidizing Agents

Conditions of Reactivity/Instability: Excessive heat, sparks and open flames in the presence of oxidizing material

Hazardous Decomposition or Byproducts: Oxides of carbon (CO, CO₂)

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SECTION 6 - Health Hazard Data

Primary Routes Of Exposure:

Health Hazards:

Acute: May cause eye and skin irritation, and sensitization.

Chronic: None Known

SECTION 7 - First Aid Measures

EMERGENCY AND FIRST AID PROCEDURES:

Inhalation: Move to fresh air. Give oxygen if breathing is difficult

Ingestion: Do not induce vomiting. Obtain medical attention immediately.

Eyes: Flush eyes with water for at least 15 minutes

Skin: Wash with mild soap and water

SECTION 8 - Control Measures

Respiratory Protection: Use NIOSH approved respirator for organic vapours.

ventilation: Local and mechanical exhaust are recommended to minimize exposure

Protective Gloves: Impervious gloves should be worn when handling this material

Eye Protection: Splash proof chemical goggles

Other Protective Clothing/Material/Equipment: Barrier Cream

Work/Hygienic Practices: Wash thoroughly after handling

SECTION 9 - Precautions for Safe Handling and Use

Waste Disposal Method: In accordance with all Federal, Provincial, State and Local regulations

Handling and Storage: Store in a cool, dry, well ventilated area, away from heat and ignition sources

Spill and Leak Procedure: Avoid all personal contact. Take up with absorbent material. Flush area with water

Other Precautions: Avoid contact with eyes, skin or clothing. Avoid breathing vapour, mist or spray

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