

# MATERIAL SAFETY DATA SHEET

PRODUCT IDENTITY: KROMOGEN

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## SECTION 1 - Preparation/Product Information

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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: Coating

T.D.G. Classification: 3.2 UN Number: 1263

WHMIS:Health:2 Flammability:3 Reactivity:0 Other:0

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## Section 2 - Hazardous Ingredients/Identity Information

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HAZARDOUS COMPONENTS: CHEMICAL IDENTITY	EXPOSURE LIMITS: TLV	TOXICITY: LD50/LC60	AMOUNT:
Alkyd Resin	Rat 10 ml/kg	Rabbit 5ml/kg	<5%
Xylene (CAS 1330-20-7)	100 ppm	4300 mg/kg 6350 ppm/4h	<10%
Mineral Spirit CAS #04742-88-7	100 ppm	8 ml/kg (orl-rat) 4 ml/kg (drm/rbt) 1400 ppm /4H	<20%
Acetic acid, tert-butyl ester (CAS # 540-88-5)	200 ppm	4500mg/kg 4200ppm/6h	40-70%
C14-17 Chlorinated paraffin (CAS# 085535-85-9)	1.6 mg/m <sup>3</sup>	>2,000mg/kg	<5%

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### SECTION 3 - Physical/Chemical Characteristics

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Boiling Point: 137-143°C                      Specific Gravity: 1.000  
Vapour Pressure (mmhg):N.D.                      Vapour Density (air=1):N.D.  
Freezing Point: N/Av. n/a                      ph: n/a  
Evaporation Rate: n/a                      Solubility In Water: Insoluble  
VOC: <340 grams/litre                      % Solids: 60%  
Appearance: Pigmented Liquid                      Odour: Aromatic

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### SECTION 4 - Fire and Explosion Hazard Data

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Flash Point (deg C) and Method: 24°C Setaflash  
Flammable Limits/% Volume in Air:    LEL: 1.0%                      UEL: 15.0%  
Auto-ignition Temperature (deg C):240°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

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### SECTION 5 - Reactivity Data

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Stable:                      x                      Hazardous Polymerization: Will Not Occur  
Incompatibility (Materials to Avoid): strong 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

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#### Primary Routes Of Exposure:

Inhalation: Nose and throat irritant  
irritation

Skin Contact: may cause

Skin Absorption: Repeated contact may cause dermatitis in sensitive individuals

Ingestion: May cause headache, nausea, vomiting and weakness. Single oral dose toxicity is low.

Eye Contact: May cause slight eye irritation. Corneal injury is unlikely.

#### Health Hazards:

Acute: May cause eye and skin irritation, and sensitization

Chronic: None Known

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### **SECTION 7 - First Aid Measures**

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#### **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

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### **SECTION 8 - Control Measures**

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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/Hygenic Practices: Wash thoroughly after handling

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### **SECTION 9 - Precautions for Safe Handling and Use**

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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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