

MATERIAL SAFETY DATA SHEET

Issued: Nov. 10, 2003

Revised: February 2, 2010

SECTION 1: PRODUCT INFORMATION

Product Name: FLEX-TOP RDM 200 - Pigmented
Manufacturer: GEMITE PRODUCTS INC.
Address: 1787 Drew Road, Mississauga, ON L5S 1J5
Emergency Phone: US: 888-443-6483 CANADA: 905-672-2020
Chemical Family: Aliphatic Urethane
T.D.G. Classification: Paints, CLASS 3.3 UN 1263 PG III

SECTION 2: HAZARDOUS INGREDIENTS

INGREDIENTS	%	TLV	CAS NO.
Glycol Ether PM Acetate	15-25%	N/A	108-65-6
Hexamethylene-1,6- Diisocyanate	2-3%	N/A	822-06-0
Homopolymer of IDPI	20-25%	N/A	53880-05
Isophorone Diisocyanate	0-1%	N/A	4098-71-9

SECTION 3: PHYSICAL DATA

Physical State: Liquid
Odour & Appearance: Clear with a hydrocarbon odour
Vapour Pressure: 7.5×10^{-5} mg /Hg @ 20⁰ C
Vapour Density: 4.3 (for Aromatic 100)
Evaporation Rate : NA
%Volatile by Volume: 45 - 50%
Boiling Point : 155-180⁰C
Specific Gravity : 0.9 - 1.1
Solubility in Water: Reacts slowly to liberate CO₂ gas.

SECTION 4 : FIRE & EXPLOSION DATA

Flammability: Yes, combustible liquid
Extinguishing Media: Foam, dry chemical, carbon dioxide, water as fog
Special Procedures: Self contained positive-pressure breathing apparatus
Flash Point: 46 degrees C
Auto Ignition Temp: NA
Upper Flammability Limit: 7.0
Lower Flammability Limit: 1.0
Hazardous Combustion Products: fumes, smoke, carbon monoxide, carbon dioxide, oxides of nitrogen, traces of HCN, HDI
Explosion Data: no known hazards from abnormal burn

SECTION 5: REACTIVITY DATA

Conditions Contributing to Instability: No Data Available
Incompatibility: avoid strong oxidizing agents, water, alcohols
Hazardous Polymerization: May occur if in contact with moisture or other incompatible material.
Reactivity Conditions: Stable
Hazardous Products of Decomposition: No Data Available

SECTION 6: TOXICOLOGICAL PROPERTIES

Skin Contact: Cured material is difficult to remove. Mixture is a known skin sensitizer. Frequent or prolonged contact can irritate the skin and cause dermatitis.

Eye Contact:	Prolonged contact can cause corneal damage
Inhalation:	Vapour/mist at concentrations above exposure limits can irritate the mucous membrane in respiratory tract. Causing running nose, sore throat, coughing chest discomfort, shortness of breath, and reduced lung function. Persons with pre-existing, nonspecific bronchial hyperractivity can respond to concentrations below the TLV may lead to Bronchitis, Bronchial spasm, and pulmonary edema. Effects are usually reversible.
Ingestion:	Low order of toxicity. However, minute amounts aspirated into the lungs during swallowing or subsequent vomiting may cause severe lung irritation.
Effects of Chronic Exposure:	None known
Effects of Acute Exposure:	None known
TLV:	NA

SECTION 7: PREVENTATIVE MEASURES

Protective Equipment

- Gloves Type:	Wear chemical resistant gloves
- Respiratory Type:	Respirator required if spraying or if ventilation is not adequate, NIOSH/OSHA approved.
- Eye Type:	Safety glasses with side shields or goggles
- Footwear Type:	Any
- Clothing Type:	Any
Engineering Controls:	Use this material only in well-ventilated areas.
Leak/ Spill:	Eliminate sources of ignition. Prevent additional discharge of material, if possible to do so without hazard. Prevent spills from entering sewers, watercourses or low areas. Notify the appropriate local authorities immediately. Consult an expert on disposal. WATER SPILL: Remove from surface by skimming or by absorbents suitable. Notify local authorities immediately.
Waste Disposal:	Dispose of materials according to national, provincial and local regulations.
Handling Procedures	NA
Storage Needs:	Containers closed, store in cool ventilated area away from ignition and oxidants.
Miscellaneous:	CAUTION! Do not use pressure to empty drum

SECTION 8: FIRST AID MEASURES

Eye Contact:	Flush with large amount of water for at least 15 minutes and seek medical attention.
Skin Contact:	Wash with soap and water. Remove contaminated clothing and shoes.
Inhalation:	Remove immediately from contaminated area. Apply artificial respiration to person if breathing has stopped. Call physician.
Ingestion:	Due to possibility of aspiration to lungs, DO NOT induce vomiting, keep calm, call doctor.