

MATERIAL SAFETY DATA SHEET

Issued: Nov. 10, 2003

Revised: February 2, 2010

SECTION 1: PRODUCT INFORMATION

Product Name: FLEX-TOP RDM Primer 100
Manufacturer: GEMITE PRODUCTS INC.
Address: 1787 Drew Road, Mississauga, ON L5S 1J5
Emergency Phone: US: 888-443-6483 CANADA: 905-672-2020
Chemical Family: Aromatic Urethane
T.D.G. Classification: Paints, CLASS 3.3 UN 1263 PG III

SECTION 2: HAZARDOUS INGREDIENTS

INGREDIENTS	%	TLV	CAS NO.
Polymeric Isocyanate (which contains monomeric isocyanate)	15%	0.005pmm	101-68-8
Diphenylmethane Diisocyanate (MDI)			
Polyisocyanate based on MDI	50 %	NA	
Aromatic Hydrocarbon	20 %	50 ppm	64742-95-6
Xylene	15 %	NA	1330-20-7

SECTION 3: PHYSICAL DATA

Physical State : Liquid
Odour & Appearance : Grey /orange and hydrocarbon odour.
Vapour Pressure : 1.4 kpa @ 38 degrees C
Vapour Density : NA
% Volatile by Volume: 40 - 60%
Evaporation Rate : NA
Boiling Point : N/A
Specific Gravity : 1.3
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, do not use water
Special Procedures: Self-contained positive-pressure breathing apparatus
Flash Point: 42 degrees C/108F
Auto Ignition Temp: NA
Upper Flammability Limit: NA
Lower Flammability Limit: NA
Hazardous Combustion Products: NA
Explosion Data: NA

SECTION 5: REACTIVITY DATA

Conditions Contributing to Instability: No Data Available
Incompatibility: Water, amines, strong bases alcohol, oxides of nitrogen.
Hazardous Polymerization: Will not occur unless if in contact with moisture or other incompatible material.
Reactivity Conditions: Stable
Hazardous Products of Decomposition: By heat and fire over 204 °C/400°F, carbon monoxide, oxides of nitrogen, traces of HCN, MDI vapours or aerosols

SECTION 6: TOXICOLOGICAL PROPERTIES

Skin Contact: Low order of toxicity by skin absorption. Frequent or prolonged contact can irritate the skin and cause dermatitis.
Eye Contact: Slightly irritating.

Inhalation:	The vapours are low to moderately toxic. In high concentrations the vapours are irritating and anaesthetic. The irritating properties give warning as anaesthetic concentrations are approached.
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:	No product toxicology data available
Effects of Acute Exposure:	No product toxicology data available
TLV:	For vapour mixture 100ppm total hydrocarbons recommended

SECTION 7: PREVENTATIVE MEASURES

Protective Equipment

- Gloves Type:	Chemical resistant gloves
- Respiratory Type:	Respirator required if spraying AND when ventilation is not adequate, NIOSH/OSHA approved
- Eye Type:	Safety glasses with side shields or goggles
- Footwear Type:	Any
- Clothing Type:	Any, clean after spilling, cured product is difficult to remove
Engineering Controls:	General and/or local exhaust sufficient to keep the airborne of MDI's and other constituents in the workplace below their respective tlv's or other appropriate exposure limits must be utilized. When spraying, use self-contained breathing apparatus or organic vapour/particulate respirator. Air supplied respirator is mandatory when airborne concentrations are unknown; when levels exceed appropriate tlv; or if use is in a confined space or area with limited ventilation.
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 Gemite Products Inc. (888) 443-6483 or (905) 637-2020
Waste Disposal:	Dispose of materials according to national, provincial, state and local regulations.
Handling Procedures	Handle away from ignition sources
Storage Needs:	Containers closed, store in cool ventilated area (50°C/41°F to 34°C/93°F) for no longer than 12 months, away from ignition and oxidants.
Miscellaneous:	NA

SECTION 8: FIRST AID MEASURES

Eye Contact:	Flush with large amount of water for at least 15 minutes and seek medical attention. Can cause pain, tearing, reddening and swelling of eyes.
Skin Contact:	Wash with soap and water. Remove contaminated clothing and shoes. A single prolonged exposure is not likely to result in material being absorbed through the skin to harm anyone. Although repeated or prolonged skin contact can result in reddened, swelling, scaling, blistering or a rash. Material is a known skin sensitizer. Treat symptoms as for contact dermatitis or thermal burns. Cured material is difficult to remove.
Inhalation:	Remove immediately from contaminated area. Apply artificial respiration to person if breathing has stopped. Call physician. This compound is a known pulmonary sensitizer. Treatment is essentially symptomatic. An individual having a skin or pulmonary sensitization reaction to this material should be removed from the area.
Ingestion:	Due to possibility of aspiration to lungs, DO NOT induce vomiting, keep calm and call doctor. Can result in irritation of the digestive tract. Symptoms can include sore throat, abdominal pain, nausea, vomiting and diarrhea.