

MATERIAL SAFETY DATA SHEETIssued: August 6, 1992
REVISED: February 2, 2010**SECTION 1: PRODUCT INFORMATION**

Product Name: GEM-GARD STAIN OP SB
Manufacturer: GEMITE PRODUCTS INC.
Address: 1787 Drew Road, Mississauga, ON L5S 1J5
Emergency Phone: US: 888-443-6483 CANADA: 905-672-2020
Chemical Family: Acrylic Resin Sealer
T.D.G. Classification: UN 1993 FLAMMABLE LIQUIDS NOS CLASS III, PG III

SECTION 2: HAZARDOUS INGREDIENTS

INGREDIENTS	%	TLV	CAS NO.
Aliphatic Hydrocarbon Solvent	18	100 ppm	64742-47-8
Titanium Dioxide	22	15 mg/m	13463-67-7
Petroleum Hydrocarbon	25	100 ppm	8032-32-4

SECTION 3: PHYSICAL DATA

Physical State: Liquid
Odor & Appearance: Hydrocarbon Odor
Vapor Pressure: 30 mm Hg
Vapor Density: 4.9
Evaporation Rate: 0.11
Boiling Point: 154 °C
Specific Gravity: 0.8
Solubility in Water: Negligible

SECTION 4 : FIRE & EXPLOSION DATA

Flammability: Flammable
Extinguishing Media: Dry chemical or Foam
Special Procedures: Use water spray to cool fire-exposed areas and to protect personnel
Flash Point: 42 °C Tag CL cup
Auto Ignition Temp: 229 °C
Upper Flammability Limit: 6.0 (% by volume)
Lower Flammability Limit: 1.1 (% by volume)
Hazardous Combustion Products: Carbon monoxide, fumes and smoke
Explosion Data: Product is a static accumulator

SECTION 5: REACTIVITY DATA

Conditions Contributing to Instability: Stable
Incompatibility: Strong oxidants such as liquid chlorine and concentrated oxygen
Hazardous Polymerization: Will not occur
Reactivity Conditions: None
Hazardous Products of Decomposition: None

SECTION 6: TOXICOLOGICAL PROPERTIES

Route of Entry: Eyes, Mouth, Skin
Skin Contact: Very low toxicity by skin absorption. Frequent of long contact may irritate skin and cause dermatitis

Eye Contact:	Slightly irritating
Inhalation:	Low to moderate toxicity. No chronic effect
Ingestion:	Low order of toxicity, but minute amounts aspirated into the lungs during swallowing or subsequent vomiting may cause severe lung irritation
Effects of Chronic Exposure:	Inhalation of high concentrations can produce central nervous system depression, which can in turn lead to a loss of co-ordination, and impaired judgment. If overexposure is prolonged, can result in stupor and unconsciousness
Effects of Acute Exposure:	N/A
TLV:	N/A

SECTION 7: PREVENTATIVE MEASURES

Protective Equipment

- **Gloves Type:** Chemical resistant gloves
- **Respiratory Type:** Organic vapor canisters or cartridges for use in non-emergency situations above the TLV where the hydrocarbon odor provides an adequate warning of end of sorbent life. For emergencies involving high concentrations of the hydrocarbon, use self-contained breathing apparatus
- **Eye Type:** Safety glasses with side shield or face shield if needed
- **Footwear Type:** N/A
- **Clothing Type:** Long sleeves, chemically resistant apron

Engineering Controls: The use of local exhaust ventilation is recommended to control process emissions near the source. Laboratory samples should be handled in lab hood. Ensure conformity to local disposal regulations.

Leak/ Spill: Remove all ignition sources. Keep people away. Recover free liquid. Add sorbent to spill area. Avoid breathing vapors. Ventilate enclosed spaces. Open all windows and doors. Keep petroleum products out of streams and waterways

Waste Disposal: Contain spilled liquids with sand or earth.

Handling Procedures

- & Equipment:** Do not handle near open flame, sparks, heat or strong oxidants
- Storage Needs:** Keep container closed when not in use. Do not store near open flame, heat, sparks or strong oxidants

SECTION 8: FIRST AID MEASURES

- Eye Contact:** Flush with large amounts of water for at least 15 minutes. Call physician if irritation persists.
- Skin Contact:** Wash exposed areas with large amounts of clean, fresh water and soap. Remove contaminated clothing, including shoes
- Inhalation:** Rescuers should wear respiratory protection. Remove immediately from contaminated area. Apply artificial respiration if breathing has stopped. Call physician
- Ingestion:** Due to possibility of aspiration into the lungs: do not induce vomiting, keep at rest and call physician

N/A : Not applicable