

PRODUCT: STUCCO SEALER (OIL BASED)

SECTION 1: MATERIAL IDENTIFICATION AND USE

TDG CLASSIFICATIONNot regulated
 UN NUMBER..... **Flammable Liquid UN1268**
 PACKING GROUP.....**Packing Group III**
WHMIS CLASSIFICATION..... B2 D2A D2B
 CHEMICAL FORMULA.....Not applicable
 CHEMICAL FAMILYSiloxane solution
 MOLECULAR WEIGHTNot applicable
 MATERIAL USEConcrete Sealer

SECTION 2: HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS#	LD ₅₀ (species & route)	LC ₅₀ (species & route)
Polymethyl Siloxane	10%	ACR CAS	None	N/A
Mineral Spirits	90%	108-88-3	5500-7300 mg/kg (oral,rat)	8000 ppm/4h

APPEARANCEWater white, viscous liquid
 ODOURSolvent odour
 FREEZING POINT (°C).....Not available
BOILING POINT (°C) 158°F
 ODOUR THRESHOLD (ppm)Not available
 VAPOUR PRESSURE (mm HG)2.28 AT 20°C
 VAPOUR DENSITY (air=1)5.0
 PERCENT VOLATILENot available
 EVAPORATION RATE (nBuAc=1)Not available
 pHNot available
SPECIFIC GRAVITY (water=1)0.785
 COEFF. OF WATER/OIL DISTRIBUTIONNot available
SOLUBILITY IN WATER Insoluble

SECTION 4: FIRE AND EXPLOSION DATA

FLAMMABILITYYes, with air at or above flashpoint
 EXTINGUISHING MEDIAWater spray, foam, alcohol, CO₂, dry chemical.
 SPECIAL PROCEDURESWear goggles and positive pressure, self-contained breathing apparatus.
FIRE and EXPLOSION HAZARDSExplosive mixtures can form with air, toxic fumes are released in fire situation, vapours may travel to the source of ignition and then flash back.
FLASHPOINT (°C) and METHOD.....43°C TCC
AUTO-IGNITION TEMPERATURE (°C)229 °C
LOWER FLAMMABLE LIMIT1.2% vol.
UPPER FLAMMABLE LIMIT.....13.3% vol
HAZARDOUS COMBUSTION PRODUCTS ..Not available
SENSITIVITY TO STATIC DISCHARGENot available

SENSITIVITY TO MECHANICAL IMPACT.... Not available

SECTION 5: REACTIVITY DATA

CHEMICAL STABILITYStable under normal storage conditions. Avoid excessive heat, open flames, ignition sources.
INCOMPATIBILITY(Specific Materials To Avoid) Oxidizing materials.
HAZARDOUS DECOMPOSITION PRODUCTS Thermal decomposition may yield acrylic monomers
HAZARDOUS POLYMERIZATION Will not occur.

SECTION 6: TOXICOLOGICAL EFFECTS

ROUTES OF ENTRY:

INGESTIONHarmful if swallowed can cause gastrointestinal track irritation, nausea, vomiting and diarrhea.

SKIN ABSORPTION A single prolonged exposure is not likely to result in the material being absorbed through the skin in harmful amounts.

SKIN CONTACTProlonged exposure may cause skin irritation.

EYE CONTACT.....May cause severe irritation with corneal injury. Vapours may irritate eyes. May cause lachrymation (tears)

INHALATIONExcessive vapour concentrations are attainable and could be hazardous on single exposure. Signs and symptoms of excessive exposure may be anaesthetic or narcotic effects. Excessive exposure may cause irritation to upper respiratory tract, headache, nausea, vomiting, dizziness and drowsiness. Inhalation of high solvent vapour or mist may cause death.

CARCINOGENICITY None

REPRODUCTIVE TOXICITYShowed effects on fetus of lab animals

SYSTEMATIC & OTHER EFFECTS.....Prolonged or repeated overexposure to solvents can cause the following: Irritation of the respiratory track, enlarged liver, kidney effects, cardiac sensitization.

EXPOSURE LIMIT OF MATERIAL

.....THRESHOLD LIMIT VALUE ..	50 ppm (ACG111-TLV)
.....LD ₅₀ OF MATERIAL.....	Not known
.....LC ₅₀ OF MATERIAL.....	Not known

SECTION 7: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

.....GLOVES Rubber or PVA Gloves

.....RESPIRATOR Atmosphere levels should be maintained below the exposure guideline. When respiratory protection is required for certain operations, use an approved air-purifying respirator.

.....EYE Use chemical goggles. If vapour exposure causes eye irritation, use a full face respirator.

FOOTWEAR.....	..Neoprene boots
CLOTHING.....	..Wear impervious protective clothing.
OTHER.....	..Maintain a sink, eye bath, and safety shower in the work area.
ENGINEERING CONTROLS.....	..Provide general and/or local exhaust ventilation to control airborne concentrations below the recommended exposure guidelines. Local exhaust ventilation should be explosion proof with the minimum velocity 100r/min.
LEAK and SPILL PROCEDURES .....	..Soak up spills in absorbent material such as sand and collect suitable containers. Residual resin may be removed using steam or hot soapy water. Solvents are not recommended for clean up unless the recommended exposure guidelines and safe handling practices for the specific solvent are followed. For large spills, evacuate upwind of spills and contain dike.
WASTE DISPOSAL	Resin can be disposed of through burning in an adequate incinerator or burying in an approved landfill in accordance with federal, state/provincial and local regulations.
HANDLING PROCEDURES and EQUIPMENT	Treat as flammable liquid: keep heat, flame, or spark inducing equipment away. Protect personnel from vapours. Practice good care and caution to avoid skin and eye contact and to avoid breathing vapours. Eye wash fountain should be located in immediate work area.
STORAGE REQUIREMENTS .....	..Keep containers closed when not in use. Ground all equipment to avoid static accumulation. Do not cut, drill or weld in the storage area.
SPECIAL SHIPPING INFO	Keep container tightly closed.

SECTION 8: FIRST AID MEASURES

EYE CONTACT.....	..Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical professional.
SKIN CONTACT .....	..Remove contaminated clothing. Wash off in flowing water and soap or shower.
INGESTION .....	..Do not induce vomiting. Call a physician and/or transport to emergency facility. If breathing is difficult, give oxygen. Call a physician.
INHALATION .....	..Remove to fresh air. If breathing is difficult, oxygen may be given. Seek medical attention.
SOURCES USED	Raw materials and suppliers data sheets

ADDITIONAL INFORMATION

NOTE TO PHYSICIAN: The decision of whether to induce vomiting or not should be made by the attending physician. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach. No specific antidote. Supportive care. Treatment based on judgement of the physician in response to the reactions of the patient.

SECTION 9: PREPARATION DATE OF SDS

ORIGINAL PREPARATION BY LINO TATONE

DATE JANUARY 01, 2018

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