

Material Safety Data Sheet

Manufacturer
Top Secret Coatings
1999 Elizabeth St.
No. Brunswick, NJ 08902

HMIS Rating
Health 2
Flammability 2
Reactivity 0

CAGE CODE No.:
DATE OF PREPARATION : January 2014
CAS NO. : N/A
RTECS NO. : N/A

EMERGENCY ASSISTANCE

PRODUCT INFORMATION (M-F) CALL CHEMTREC 24 HOURS
(732)-821-3200 (8:00 AM - 5:00 PM Eastern Time)

SECTION 1 PRODUCT IDENTIFICATION

PRODUCT CLASS NAME: One Part Epoxy Coating - Silicone Alkyd / Urethane/
Epoxy Ester Clear Coating
PRODUCT NO.: TS 100-00

SECTION 2 HAZARDOUS INGREDIENTS

Ingredient	CAS Number	%	Occupational Exposure Lim.		Vapor Pressure
			TLV	PEL	
Mineral Spirits 66	64742-88-7	28-30%	100ppm	100ppm	2.0 mmHg@68°F
Aromatic Naphtha	64742-95-6	7 - 9%	50 ppm	N.E.	<1 mmHG@20°C
TrimethylBenzene	95-63-6	2 - 3%	25ppm	25ppm	Unknown

None of the materials in this products are on the IARC, NTP or OSHA Carcinogen list.

SECTION 3 PHYSICAL CHARACTERISTICS

BOILING POINT : 277-384°F **VAPOR DENSITY** : Heavier than air
MELTING POINT : Unknown **DECOMPOSITION TEMP.** : Unknown
EVAPORATION RATE : Slower than ether
REACTIVITY IN WATER : None **SOLUBILITY IN WATER** : Insoluble
AUTO IGNITION TEMP. : Unknown **CORROSION RATE** : Unknown
ODOR : Aromatic/Aliphatic Mineral Spirits Odor
APPEARANCE : Thick Liquid, Clear, White or Various Colored Paints
Product # : **VOC- Grams/Liter:**
TS100-00 One Part Epoxy Coating Clear 380

SECTION 4 FIRE AND EXPLOSION DATA

FLASH POINT : 103°F (T.C.C.)
FLAMMABILITY CLASS : Flammable Class 3 **DOT** : Combustible Liquid
FLAMMABLE LIMITS VOLUME IN AIR : Lower: 0.5% Upper: 7.1% **LEL** : 0.5%
EXTINGUISHING MEDIA : Use Foam, CO2, Dry Chemical, Water Spray or Fog
UNUSUAL FIRE AND EXPLOSION HAZARDS : Do not apply to hot surfaces. Keep away from HEART, SPARKS, ELECTRICAL EQUIPMENT, AND OPEN FLAME. Do not store or mix with strong oxidants. Keep containers tightly closed.
SPECIAL FIRE FIGHTING PROCEDURES : Closed containers may explode when exposed to extreme heat. Water may be used to cool unruptured containers. Avoid spreading burning liquid with water used for cooling purposes. Self-contained breathing apparatus is needed to protect fire fighters from any hazardous combustion products.

SECTION 5 REACTIVITY DATA

STABILITY : Stable **HAZARDOUS POLYMERIZATION** : Will not occur
INCOMPATIBILITY (MATERIAL TO AVOID) : Avoid contact with strong oxidizing agents.
HAZARDOUS DECOMPOSITION BY-PRODUCTS : When this product is heated to decomposition it may product fumes which contain carbon monoxide and carbon dioxide, various hydrocarbons, etc.
CONDITIONS TO AVOID : Avoid high temperatures, excessive heat, exposure to open flames, and known sources of ignition.

SECTION 6 HEALTH HAZARD DATA

ROUTE(S) OF ENTRY : Inhalation, skin contact, eye contact, and ingestion.
HEALTH HAZARDS (ACUTE AND CHRONIC) : Acute: (short-term) Over exposure can cause skin and eye irritation. Inhalation can cause acute nervous system depression characterized by nasal irritation, headache, dizziness, confusion, or unconsciousness. Chronic (long-term): Over exposure to vapors may cause liver or kidney damage. **Deliberately concentrating and inhaling vapors can be harmful or fatal.**

EFFECTS OF OVEREXPOSURE :

Inhalation : Adverse health effects from vapors or mists in poorly ventilated areas can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, and even asphyxiation.

Skin and Eye contact : Prolonged or repeated exposure to this product can moderate irritation, defatting, dermatitis.

Eye Contact : Can cause severe irritation, redness, tearing, and blurred vision.

Swallowing : Can cause gastrointestinal irritation, vomiting and diarrhea. ASPIRATION of material into the lungs can cause chemical pneumonitis, which can be fatal.

EMERGENCY FIRST AID PROCEDURES :

Inhalation : If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, administer artificial respiration. Keep person warm, quiet, and get medical attention.

Eye and Skin Contact : Promptly and thoroughly flush eyes with water for at least 15 minutes and consult a doctor if irritation persists. Wash skin thoroughly with soap and water; if drenched, wash clothing and shoes before reuse. If irritation persists, seek medical attention.

Ingestion : DO NOT INDUCE VOMITING. Aspiration of material into the lungs due to vomiting can be fatal. Give victim a glass of water or milk. Never give anything by mouth to an unconscious person. Call a poison control center immediately. Seek medical attention.

CARCINOGENICITY : NTP: No **IARC MONOGRAPHS** : No **OSHA REGULATED** : No

SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL / LEAK PROCEDURES : Eliminate all ignition sources. Ventilate area. In case of a large spill, dike area to prevent the material from entering a water or sewer system. Recover free liquid, pick-up the remaining spill with absorbent material such as sawdust, sand, or vermiculite, and place material into a closed container for disposal. Notify appropriate environmental agency(ies) if spill product has entered or may enter sewers, waterways, or extensive land areas. See other sections of MSDS for further information.

WASTE DISPOSAL METHOD : ALL DISPOSAL PROCEDURES MUST COMPLY WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

Refer to hazard caution information in other sections of this MSDS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING : . Store in a well ventilated area away from heat, sparks, open flame, or strong oxidants. Store large quantities in buildings designed to comply with OSHA 1910.106. No smoking or open lights. Ground static charge build-up. Empty containers may be hazardous from residues of product and vapor, and all cautions on this sheet apply to them away from sources of ignition.

OTHER PRECAUTIONS : Do not take internally. Close container after each use. Keep away from children. Avoid prolonged contact with skin and breathing of spray mists. Keep away from children.

This product DOES NOT contain lead or mercury.

SECTION 8 CONTROL MEASURES

RESPIRATORY PROTECTION : A NIOSH approved canister type respirator for particulates and organic vapors must be worn to prevent the inhalation of vapors or spray mists when TLV or PEL is exceeded.

VENTILATION : All application areas should be provided with sufficient mechanical ventilation with explosion proof equipment to maintain exposure level s below TLV.

SKIN PROTECTION : Wear protective clothing and impermeable gloves to minimize skin contact.

EYE CONTACT : Use of a face shield, chemical goggles, or safety glasses is recommended when using this product to avoid eye contact.

HYGENIC PRACTICE AND OTHER PROTECTIVE EQUIPMENT : Use protective skin cream where skin contact is likely. Wash hands before eating or using the washroom. Smoke in designated smoking areas only. Use protective cream where skin contact is likely. An eye wash station/ safety shower should be available.

SECTION 9 TRANSPORTATION

SHIPPING NAME: Paint **UN Number**: UN1263 **Class 3**
Reportable Quantity: No **LABELS**: None **Hazard Class**: Flammable Class 3
(DOT Combustible Liquid) **LIMITED QUANTITY**: No **DOT Spec. Container**: N/A
Unit Container: 1 Qt. Metal Can, 1 Gal. Metal Can, 5 Gal. Metal Can
US POSTAL SERVICE REGULATIONS: N/A

SECTION 10 DISCLAIMER

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Top Secret Coatings assumes no responsibility for personal injury or property damage to the vendees, users or third parties caused by

the material. Such vendees or users assume all risks associated with the use of the material.