

# MATERIAL SAFETY DATA SHEET

COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

## SECTION I - PRODUCT IDENTIFICATION

**Product Name:** SURE FOOT SLIP RESISTANT COATING  
**Product Number:** 910 – 914 (Overcap Color Indicates Product Color)  
**Product Type:** AEROSOL  
**Supplier's Name:** Terand Industries, Inc.  
**Supplier's Address:** P.O. Box 667770, Pompano Beach, FL 33066  
**D.O.T. Hazard Class:** CONSUMER COMMODITY - ORM-D

**Formula:** Proprietary  
**Date Prepared:** 03/08/05  
**Emergency Phone:** (800) 255-3924  
**Information Phone:** (954) 974-5440

**HMIS Rating** (Based on Aerosol Conc.):  
0-Minimal 1- Slight 2- Moderate  
3- Serious 4- Extreme  
**HEALTH: 2\* FIRE: 4 REACTIVITY: 0**  
**Personal Protection : I**

## SECTION II - INGREDIENTS

CHEMICAL NAME	CAS #	%WT	313/Chem	Skin	Carcinogen	PEL	TWA/TLV
Acetone	67-64-1	10-20	NO	NO	NO	750 ppm	750 ppm
Epoxy Resin	Proprietary	10-20	NO	NO	NO	N/E	N/E
Propane	74-98-6	10-20	NO	NO	NO	1000 ppm	1000 ppm
Toluene	108-88-3	05-15	YES	YES	NO	100 ppm	50 ppm
Xylene	1330-20-7	05-15	YES	NO	NO	100 ppm	100 ppm
Butane	106-97-8	05-15	NO	NO	NO	800 ppm	800ppm
Ethyl Benzene	100-41-4	05-15	YES	NO	IARC (2b)	100 ppm	100 ppm
Titanium Dioxide (Dust Hazard)	13463-67-7	05-15	NO	NO	NO	15 mg/m <sup>3</sup> (Dust)	10 mg/m <sup>3</sup> (Dust)
Clay (Dust Hazard)	1332-58-7	05-15	NO	NO	NO	10 mg/m <sup>3</sup> (Dust)	10 mg/m <sup>3</sup> (Dust)
Calcium Carbonate (Dust Hazard)	1317-65-3	05-15	NO	NO	NO	15 mg/m <sup>3</sup> (Dust)	10 mg/m <sup>3</sup> (Dust)
Iron Oxide (Dust Hazard)	1309-37-1	05-15	NO	NO	NO	10 mg/m <sup>3</sup> (Dust)	10 mg/m <sup>3</sup> (Dust)
Amorphous Silica (Dust Hazard)	7631-86-9	01-10	NO	NO	NO	6 mg/m <sup>3</sup> (Dust)	6 mg/m <sup>3</sup> (Dust)
D&C Orange No. 17	3468-63-1	01-10	NO	NO	NO	10 mg/m <sup>3</sup> (Dust)	10 mg/m <sup>3</sup> (Dust)

## SECTION III - PHYSICAL DATA

**Data Below Based On Aerosol Concentrate Only:**

Boiling Range: -13°F to 279° F

pH: N/A

Solubility In Water: Insoluble

Appearance/Odor: Colored Liquid, Solvent Odor

**Data Below Based On Total Contents:**

Vapor Pressure of can (psig @70°F): 65

Total VOC %: ~ 45%

Vapor Density (Air=1): >1

Specific Gravity (H<sub>2</sub>O=1) @75°F: 1.02

## SECTION IV - FIRE AND EXPLOSION DATA

**Flash Point** (of Concentrate & Propellant): -134°F

**Flammability** (as per USA Flame Projection Test): Extremely Flammable Spray

**Extinguishing Media:** Foam, CO<sub>2</sub>, Dry Media, Water fog

**Special Fire Fighting Procedures:** Hazardous decomposition products may form from incomplete combustion. Wear full protection gear with self-contained positive pressure breathing apparatus. Cool fire exposed containers to prevent rupturing.

**Unusual Fire and Explosion Hazards:** Extremely flammable liquid and vapors. Containers can build pressure from heat and rupture explosively. Volatile vapors can burn in the open or explode if confined. Vapor is heavy and can travel long distances to source of ignition.

## SECTION V - REACTIVITY DATA

**Stability:** Material Stable.

**Hazardous Polymerization:** Will not Occur.

**Incompatibility:** Avoid contact with strong oxidizing agents.

**Hazardous Decomposition Products:** Carbon Dioxide, Carbon Monoxide and potentially other toxic gases if incomplete combustion occurs.

## SECTION VI - STORAGE AND HANDLING

**KEEP OUT OF REACH OF CHILDREN.**

For Industrial and Institutional use only.

Store in a cool, dry area away from heat or open flame.

**NFPA Code 30B Rating:** Level 3 Aerosol.

Do not store at temperatures above 120° F.

## SECTION VII - HEALTH AND FIRST AID

**PRIMARY ROUTES OF ENTRY & EFFECTS OF OVER EXPOSURE:**

**Eyes:** Can cause conjunctivitis, severe irritation, redness, tearing and blurred vision. Prolonged contact may cause damage to the cornea.

**Skin:** Frequent or prolonged contact will cause irritation, defatting of the skin, and dermatitis. May cause allergic skin reaction.

**Inhalation:** Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation can cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects. Repeated and prolonged exposure to solvent vapors may cause permanent brain and nervous system damage. May also cause liver and kidney damage.

**Ingestion:** Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis.

**FIRST AID PROCEDURES:**

**Eyes:** Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately.

**Skin:** Wash with soap and water. If irritation persists seek medical attention.

**Inhalation:** Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration or administer oxygen.

**Ingestion:** Do not induce vomiting. Seek medical attention immediately.

## SECTION VIII - SPECIAL PROTECTION DATA

**Respiratory Protection:** If ventilation is not adequate to reduce vapors below TLV levels, use a NIOSH approved air purifying respirator with organic vapor cartridges.

**Ventilation:** Provide local exhaust to keep concentration of Section II ingredients below acceptable limits.

**Protective Gloves:** Use chemical resistant gloves if hand contact will be made.

**Eye Protection:** Wear safety glasses or chemical proof goggles.

## SECTION IX - SPILL OR LEAK PROTECTION

**STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:** Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State and local laws.

**WASTE DISPOSAL METHOD:** Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State and local authorities for approved procedures.

**NA= NOT APPLICABLE · N/E=NOT ESTABLISHED · ND=NOT DETERMINED · <=LESS THAN · >=MORE THAN**

**NOTICE:** The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstances. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.