

## MATERIAL SAFETY DATA SHEET

PRODUCT NAME: SUPER SIL  
PRODUCT CODE: 157-4G

HMIS CODES: H F R P  
1 2 1 B

### SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: ENVYSS, LLC  
ADDRESS: Monroe, GA 30655  
EMERGENCY PHONE: 800-535-5053  
INFORMATION PHONE: 770-934-4242

NAME OF PREPARER : Alan Sumner  
DATE OF PREPARATION : 4/15/1998

### SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

| REPORTABLE COMPONENTS                    | CAS NUMBER | VAPOR PRESSURE<br>MM HG @ TEMP | WEIGHT<br>PERCENT |
|--|------------|--------------------------------|-------------------|
| PETROLEUM HYDROCARBON<br>100 PPM PEL/TWA | 64741-65-7 | 1.9 100°F                      |                   |

\*\*\* No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. \*\*\*

### SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 355°F  
VAPOR DENSITY: Unknown  
MATERIAL V.O.C.: 5.817 lb/gal  
SOLUBILITY IN WATER: Insoluble  
APPEARANCE AND ODOR: Clear liquid, slight solvent odor.

SPECIFIC GRAVITY (H<sub>2</sub>O=1): .77  
EVAPORATION RATE: Slower than n-Butyl Acetate.

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 115°TO 122° F  
METHOD USED: TCC  
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1 UPPER: 7  
FLAME EXTENSION: Not Applicable  
EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO<sub>2</sub>, DRY CHEMICAL, WATER FOG, OTHER  
SPECIAL FIREFIGHTING PROCEDURES: Do not direct a solid stream of water or foam into hot, burning pools; this may cause frothing and increase fire intensity. Wear NIOSH approved self-contained breathing apparatus with full facepiece and protective clothing to prevent contact with skin and eyes. Use water spray to cool fire exposed containers.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: DANGER: Rags, steel wool or waste soaked with solvent may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container. COMBUSTIBLE LIQUID

### SECTION V - REACTIVITY DATA

STABILITY: Stable  
CONDITIONS TO AVOID: Poor ventilation. Ignition sources such as heat, sparks, flames.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong acids and strong oxidizing agents such as chlorine bleach.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** Incomplete combustion can yield carbon monoxide and toxic vapors.

**HAZARDOUS POLYMERIZATION:** Will not occur.

===== **SECTION VI - HEALTH HAZARD DATA** =====

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** INHALATION: May cause nose and throat irritation.

**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** EYE CONTACT: Liquid or mist causes irritation, experienced as stinging, excess blinking and tear production, with excess redness of the conjunctive. SKIN CONTACT: Prolonged contact may cause defatting and irritation of the skin.

**SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** SKIN ABSORPTION: No evidence of harmful effects from available information.

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

INGESTION: Swallowing small amounts during normal handling is not likely to cause harmful effects; swallowing large amounts may cause nausea and vomiting and may be harmful. This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or damage which can be harmful or fatal.

**HEALTH HAZARDS (ACUTE AND CHRONIC):** See above for acute health hazards.  
CHRONIC-None known.

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

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Those of the respiratory system and skin.

**EMERGENCY AND FIRST AID PROCEDURES:**

INHALATION: Remove victim to fresh air immediately. If coughing, difficult breathing or any other respiratory symptoms persist, seek medical attention at once. EYE CONTACT: Immediately flush with running water for at least 15 minutes, lifting eyelids periodically to remove contamination. Get medical attention if irritation persists. SKIN CONTACT: Wash thoroughly with soap and water and see a doctor if irritation persists. INGESTION: If ingested, do not induce vomiting, give 1 or 2 glasses of water. Keep person warm, quiet, and get medical attention. Aspiration of material into lungs can cause chemical pneumonitis which can be fatal.

===== **SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE** =====

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Keep spectators away. Eliminate all ignition sources (flames, hot surfaces and sources of electrical, static or frictional sparks) and ventilate area. Dike and contain spill with inert material (e.g. sand, earth). Transfer liquids to covered metal containers for recovery or disposal or remove with inert absorbent. Use only non-sparking tools. Place absorbent diking materials in covered metal containers for disposal. Prevent contamination of sewers, streams and groundwater with spilled material or used absorbent.

**WASTE DISPOSAL METHOD:** This material is a RCRA hazardous ignitable waste. Disposal of this material or its container requires compliance with applicable labeling, packaging, and recordkeeping standards. Extreme care should be taken to ensure that it is disposed of only in a facility permitted for disposal of hazardous waste.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Use and store only in well ventilated areas away from heat, sparks, open flame or any source of ignition. Keep container tightly closed when not in use.

**OTHER PRECAUTIONS:** Avoid skin and eye contact. Do not breathe spray mist. Keep out of reach of children. Smoking in area where this material is used should not be allowed. Use non-sparking utensils when handling. Close container after each use. Do not weld, braze or cut an empty container. Empty container must not be washed and reused for any purpose. Use only with adequate ventilation or with proper respiratory protection. This product meets the requirements of USDA H-1 and 21 CFR 178.3570 of the Food and Drug Regulations. This product does not contain any listed carcinogens on the IARC, OSHA or NTP listings or on OSHA 1910.10 subpart Z list. This product does not contain any listed California Proposition 65 carcinogens or reproductive toxins. This product does not contain any EPA SARA Title III Section 313 or CERCLA 302/304 listed chemicals

===== **SECTION VIII - CONTROL MEASURES** =====

**RESPIRATORY PROTECTION:** Use a NIOSH approved respirator with organic vapor canister if vapor or mist becomes a problem or airborne exposure limits are exceeded. Not required under normal conditions of use.

**VENTILATION:** General mechanical ventilation or local exhaust.

**PROTECTIVE GLOVES:** Solvent impermeable nitrile gloves.

**EYE PROTECTION:** Use chemical safety glasses.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Appropriate fire extinguishing equipment.

**WORK/HYGIENIC PRACTICES:** Wash thoroughly after handling.

===== **SECTION IX - DISCLAIMER** =====

The information contained herein is based on data considered to be accurate. While the information is believed to be reliable, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. It is the user's obligation to evaluate this information and determine the conditions of the safe use of the product.