

MATERIAL SAFETY DATA SHEET

I. IDENTIFICATION OF PRODUCT

UNISCOPE, INC.
 P.O. BOX 1039
 JOHNSTOWN, CO 80534
 PHONE: 1-970-587-4614

TRADE NAME: **PEL-STIK**
 CHEMICAL NAME: Proprietary blend of condensed lignin sulfonate, propylene glycol, gelatin by-products, sodium acetate and sodium sulfate

II. HAZARDOUS COMPONENTS OF MIXTURES

COMPONENT	CAS#	%	TLV (UNITS)
None			

III. PHYSICAL DATA

BOILING POINT: Decomposes VAPOR DENSITY (AIR=1): Not applic
 BULK DENSITY: 30-31 lb/cu ft
 SPECIFIC GRAVITY: 0.48 - 0.50 gm/cc APPEARANCE: Brown, free flowing powder
 SOLUBLE IN WATER: Soluble ODOR: Burnt sugar
 VAPOR PRESSURE (mm OF Hg) @ 20 D C: Nil

IV. FIRE & EXPLOSION HAZARD DATA

FLASH POINT (TEST METHOD): Not applicable
 FLAMMABLE LIMITS (UEL AND LEL): Not applicable
 EXTINGUISHING MEDIA: CO₂ or water
 SPECIAL FIRE FIGHTING PROCEDURES: When thermal decomposition of material is likely, wear full protective clothing and a positive-pressure, self-contained breathing apparatus.
 UNUSUAL FIRE AND EXPLOSION HAZARD: Dust can explode: avoid excessive accumulation of dust on floors. Ignition temperature is approximately 275°C.

V. REACTIVITY DATA

STABILITY: Not known
 INCOMPATIBILITY (MATERIALS TO AVOID): Incompatible with strong oxidizing agents
 HAZARDOUS DECOMPOSITION PRODUCTS: Sulfur dioxide (SO₂) possible
 HAZARDOUS POLYMERIZATION: May not occur

VI. HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: Direct contact with the material may cause moderate eye and mild skin irritation. Acute overexposure dermal (rabbit) LD50 value is estimated to be greater than 2.0 gm/kg, may cause mild to severe skin and eye irritation.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Immediately flush with flowing water. Consult a physician if necessary.
 SKIN: Wash thoroughly with soap and water. If irritation develops, contact medical personnel.
 INGESTION: Rinse mouth. Drink large quantities of water immediately. After dilution, induce vomiting. Seek medical attention.

INHALATION: Remove to fresh air to relieve nuisance symptoms.
CARCINOGEN STATUS: Not listed as a carcinogen by IARC, NTP, OSHA or ACGIH.

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Wash area with water. Dispose of in accordance with all applicable local, state and federal requirements. State and local laws may differ from federal law. Consult counsel for further guidance on your local laws.

WASTE DISPOSAL METHOD: Customary plant procedures for industrial waste treatment.

CONTAINER DISPOSAL: Completely empty bag. Dispose of in a sanitary landfill or by other procedures approved by the appropriate authorities.

VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Air purifying respirator recommended for prolonged exposure to high concentrations.

VENTILATION: LOCAL: Yes SPECIAL: Not Required
MECHANICAL: Yes OTHER: None

PROTECTIVE GLOVES: Wear rubber or impervious gloves

EYE PROTECTION: Goggles recommended.

OTHER PROTECTION: Use protective clothing to minimize the possibility of skin contact.

Following handling of the material, wash potentially contacted skin areas with soap and water. Launder contaminated clothing prior to reuse.

IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN STORAGE AND HANDLING: Store in a cool dry place. Material becomes slippery when wet. Keep containers closed when not in use.

OTHER PRECAUTIONS: Keep out of reach of children and domestic animals.

X. REGULATORY INFORMATION

Components which could require reporting under SARA TITLE III are: None
CHEMICAL % CAS NUMBER

SARA TITLE III HAZARD CATEGORY

IMMEDIATE: Yes FIRE: No REACTIVITY: No

DELAYED: No SUDDEN RELEASE OF PRESSURE: No

FREIGHT CLASS: ITEM 67070 CLASS 50

DOT REGULATION: Not Regulated

Legal responsibility is assumed only for the fact that all studies reported here and all opinions are those of qualified experts. Buyer assumes all risks & liability. He accepts and uses this material on these conditions. He must have a copy of this MSDS where this material is handled.

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