

PROFLEX™ PRODUCTS, INC.

MATERIAL SAFETY DATA SHEET

COMPOSITE MEMBRANES

1. MATERIAL IDENTIFICATION AND USE

- MANUFACTURED FOR: PROFLEX™ PRODUCTS, INC.
- TELEPHONE INFORMATION: (239) 253-5652
- EFFECTIVE DATE: MAY 1, 2003
- CHEMICAL FORMULA: PROPRIETARY
- MATERIAL USE: SELF-ADHESIVE MEMBRANE

2. COMPOSITION OF INGREDIENTS

| HAZARDOUS COMPONENT | CAS# | OSHA-PEL | ACGIH-TLV | % WT |
|---------------------|------------|-----------|-----------|------|
| PETROLEUM ASPHALT | 64742-93-4 | LDSO | 5.0 mg/g | >50% |
| PETROLEUM OIL | 64742-04-7 | 0.2 (TWA) | 5-15 g/kg | <15% |

ACGIH = AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS

NE = NOT ESTABLISHED

N/A = NOT APPLICABLE

NIOSH = NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH

OSHA = OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

PEL = PERMISSIBLE EXPOSURE LIMIT

TLV = THRESHOLD LIMIT VALUE

3. PHYSICAL AND CHEMICAL CHARACTERISTICS

| | |
|--------------------------------------|------------------------------------|
| APPEARANCE AND ODOR | BLACK SOLID, SLIGHT PETROLEUM ODOR |
| BOILING POINT | N/A |
| VAPOR PRESSURE (mm Hg) | N/A |
| VAPOR DENSITY (AIR = 1) | N/A |
| SOLUBILITY IN WATER | INSOLUBLE |
| SPECIFIC GRAVITY (WATER = 1) | 1.2 |
| MELTING POINT | >200° F |
| EVAPORATION RATE (BUTYL ACETATE = 1) | N/A |

4. FIRE AND EXPLOSION DATA

- FLASH POINT: 410° F
- FLAMMABLE LIMITS: LEL, UNKNOWN; UEL, UNKNOWN; STATIC DISCHARGE, UNKNOWN.
- EXTINGUISHING MEDIA: STANDARD FIRE EXTINGUISHER, WATER SPRAY, REGULAR FOAM, DRY CHEMICAL, OR CARBON DIOXIDE (CO₂).
- SPECIAL FIREFIGHTING EQUIPMENT: USE OF A SELF-CONTAINED BREATHING APPRATUS IS RECOMMENDED FOR FIREFIGHTERS.
- UNUSUAL FIRE AND EXPLOSIVE HAZARDS: NONE KNOWN.
- FLAMMABILITY: WILL SUPPORT COMBUSTION UNDER CONDITION OF DIRECT FLAME.

5. HEALTH HAZARD DATA

- PRIMARY ROUTES OF ENTRY: SKIN, INGESTION.
- CHRONIC HEALTH HAZARDS AND EXPOSURE SYMPTOMS:
 1. SKIN: SENSITIVITY MAY DEVELOP. PROLONGED EXPOSURE MAY CAUSE SKIN CANCER.
 2. INGESTION: TOXIC.
- EMERGENCY FIRST-AID PROCEDURES:
 1. INHALATION: NOT APPLICABLE.
 2. SKIN: FLUSH WITH WATER. IF IRRITATION OCCURS, OBTAIN MEDICAL ATTENTION.
 3. EYES: IF DIRECT CONTACT WITH MEMBRANE OCCURS, FLUSH WITH WATER FOR AT LEAST 15 MINUTES. OBTAIN MEDICAL ATTENTION.
 4. INGESTION: DRINK LIQUIDS. OBTAIN MEDICAL ATTENTION.

6. REACTIVITY AND DATA

- STABILITY: STABLE
- CONDITIONS TO AVOID: NOT APPLICABLE
- HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: CARBON DIOXIDE (CO₂), CARBON MONOXIDE (CO), OXIDIZING NITROGEN, AND SULFUR.
- HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

7. PRECAUTIONS FOR SAFE HANDLING AND USE

- LEAK AND SPILL PROCEDURES: FOLLOW STATE AND LOCAL REGULATIONS. NOT AN RCRA HAZARDOUS WASTE.
- WASTE DISPOSAL METHOD: DISPOSE IN A LICENSED WASTE DISPOSAL FACILITY IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

8. SPECIAL PROTECTION INFORMATION

- RESPIRATORY PROTECTION: NOT NEEDED
- VENTILATION REQUIREMENTS: NOT NEEDED
- EYE PROTECTION: NOT NEEDED; HOWEVER, AVOID DIRECT CONTACT WITH THE EYES.
- OTHER PROTECTIVE EQUIPMENT: NOT NEEDED

24-HOUR
CHEMICAL EMERGENCY RESPONSE NUMBER
1-800-424-9300

END OF SECTION

Issued 09/27/10