

MATERIAL SAFETY DATA SHEET

POLYGUARD PRODUCTS, INC.

ESSENTIALLY SIMILAR TO
OSHA FORM - 174

Manufacturer's Name POLYGUARD PRODUCTS, INC.		TELEPHONE NUMBER (972) 875-8421	N F P A *** FIRE HAZARDS IDENTIFICATION SYSTEM
Address: P.O. Box 755, Ennis Texas, 75120		Date 4/4/05	
FOR EMERGENCY ASSISTANCE CALL POLYGUARD - (800) 541-4994 (DAY) OR CHEMTREC - (800) 424-9300 (24 HOURS)			
Trade Name & Synonyms - Polyguard 650 Mastic			
Chemical Name or Composition - Mixture	Chemical Family - Hydrocarbon	Formula - Mixture	

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	CAS NUMBER	OSHA PERMISSIBLE EXPOSURE LIMIT	AGCIH - THRESHOLD LIMIT VALUES	IS PRODUCT LISTED IN NATIONAL TOXICOLOGY PROGRAM (NTP) ANNUAL REPORT ON CARCINOGENS?	IF PRODUCT HAS BEEN EVALUATED BY THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC), DESCRIBE RESULTS.	HAS PRODUCT BEEN FOUND TO BE A POTENTIAL CARCINOGEN BY OSHA?	% BY WGT.
Mineral Spirits	6474-28-87	500 ppm	100 ppm	NO	LISTED AS GROUP 3 (See A)	NO	1.5%
Naphthenic Petroleum Distillate	62742-95-6	N/D	N/D	NO	NOT LISTED	NO	10-20%
Other	ND	ND	ND	NO	NOT LISTED	NO	22.3%

*** NFPA 49 - Hazardous Chemical Data

**** This chemical is subject to the reporting requirements of Section 313 of SARA Title III

- A. IARC definitions:
- | | |
|-----------|---|
| GROUP 1: | Carcinogenic to humans |
| GROUP 2A: | Probably carcinogenic to humans |
| GROUP 2B: | Possibly carcinogenic to humans |
| GROUP 3: | Not classifiable as to carcinogenic or non carcinogenic to humans |
| GROUP 4: | Probably not carcinogenic to humans |

SECTION III - PHYSICAL DATA

APPEARANCE AND ODOR: Black, Semi-Solid, Aromatic Odor			
BOILING POINT (°F)	305°F	SPECIFIC GRAVITY (H₂O = 1)	1.12
VAPOR PRESSURE (mm Hg)	2 mm	PERCENT, VOLATILE BY VOLUME (%)	20 - 40
VAPOR DENSITY (AIR = 1)	> 1	EVAPORATION RATE (ETHER = 1)	<1
SOLUBILITY IN WATER	NIL	VOC g/L	300

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA CO ₂ , Dry Chemical, Foam	FLASH POINT (Method used) 105°F. PM Closed cup	FLAMMABLE LIMITS	LEL .8 UEL 7.0
SPECIAL FIRE FIGHTING PROCEDURES - Wear self-contained breathing apparatus when fighting fires. Keep all persons without proper respiratory protection away from area.			
UNUSUAL FIRE AND EXPLOSION HAZARDS - Vapor is heavier than air. Keep away from sparks, flames, electric motors, open pilots and static discharge. NO SMOKING			

SECTION V - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	None
INCOMPATIBILITY (Materials to Avoid) - Strong Oxidizers			
HAZARDOUS DECOMPOSITION OR BYPRODUCTS - CO, CO ₂			HAZARDOUS POLYMERIZATION
			MAY OCCUR
			WILL NOT OCCUR
X			

SECTION VI - HEALTH HAZARD DATA

CONDITIONS TO AVOID - None	ROUTES OF ENTRY - INHALATION (X)	SKIN (X)	INGESTION (X)
HEALTH HAZARD (Acute Over Exposure) - SKIN - Moderately irritating, defatting, dermatitis INHALATION - Vapors can cause the following: Nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, and headache. Possible unconsciousness, irritation of nose and throat. INGESTION - Irritation, nausea, vomiting and diarrhea			
HEALTH HAZARD (Chronic Over Exposure)- Irritation of eyes and nose			
EMERGENCY AND FIRST AID PROCEDURES - SKIN - Wash area of contact thoroughly with soap and water. Remove with waterless hand cleaners. Launder contaminated clothing before reuse. EYES - Flush with water for 15 minutes. Get medical attention. INGESTED - DO NOT induce vomiting. Keep person warm, quiet and get medical attention. DO NOT make unconscious person vomit. INHALATION - Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.			

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED - Eliminate all ignition sources: flames, flares, pilot lights, smoking, electrical sparks. Stay upwind. Keep out of low areas. Stop spill at source. Keep all persons not wearing protective equipment away from area. Liquid may be taken up with sand, clay, earth, floor absorbent or other absorbent material. Avoid breathing vapors and contact with skin and eyes.
WASTE DISPOSAL METHOD - Allow volatile portion to evaporate completely. Dispose of non-volatile absorbent material in a land fill in accordance with Local, State and Federal regulations.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING - Store in a dry, ventilated area away from heat. Do not reuse containers for any other products. Keep from flame or ignition sources. Store in tightly closed containers.
OTHER PRECAUTIONS - Empty containers may be hazardous when empty. Residue may contain explosive vapors. Keep out of reach of children. Application procedures should be performed by workmen who are skilled in the application of materials described herein in accordance with manufacturer's specifications.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION - If TLV of the product or any component is exceeded, a NIOSH/MSHA jointly approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators under specified conditions. (See your safety equipment supplies) Engineering or administrative controls should be used to reduce exposure.
VENTILATION - LOCAL EXHAUST - Use local and explosion proof mechanical exhaust to maintain exposure levels below TLV's. MECHANICAL - Use local and explosion proof mechanical exhaust to maintain exposure levels below TLV's.
PROTECTIVE GLOVES - Wear impervious gloves.
EYE PROTECTION - Wear safety glasses to prevent contact with eyes.
OTHER PROTECTIVE EQUIPMENT - To prevent repeated or prolonged skin contact, wear impervious clothing and boots.
WORK - HYGIENIC PRACTICES - Maintain good personal hygiene.