

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 500 NF Asphalt Emulsion					
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?
Asphalt	8052-42-4	5mg/H ³	5mg/H ³	NO	Group 3	NO

*** 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: Brown/Black - Petroleum odor			
BOILING POINT (°F)	212° F - 250° F	SPECIFIC GRAVITY (H₂O = 1)	N/D
VAPOR PRESSURE (mm Hg)	760	PERCENT, VOLATILE BY VOLUME (%)	55 - 60%
VAPOR DENSITY (AIR = 1)	Heavier than air	EVAPORATION RATE (ETHER = 1)	Slower
SOLUBILITY IN WATER	Disperses in water, insoluble	VOC g / L	0

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA CO ₂ , Dry Chemical, Foam, Water Fog	FLASH POINT (Method used) None	FLAMMABLE LIMITS	LEL None UEL None
SPECIAL FIRE FIGHTING PROCEDURES - Dried residue - firemen should wear masks to avoid breathing by-products of combustion.			
UNUSUAL FIRE AND EXPLOSION HAZARDS - None			

SECTION V - REACTIVITY DATA							
STABILITY	UNSTABLE		CONDITIONS TO AVOID Extreme Heat				
	STABLE	X					
INCOMPATIBILITY (Materials to Avoid) - Strong oxidizing agents							
HAZARDOUS DECOMPOSITION OR BYPRODUCTS - In fire - smoke and oxides of carbon		HAZARDOUS POLYMERIZATION	<table border="1"> <tr> <td>MAY OCCUR</td> <td></td> </tr> <tr> <td>WILL NOT OCCUR</td> <td>X</td> </tr> </table>	MAY OCCUR		WILL NOT OCCUR	X
MAY OCCUR							
WILL NOT OCCUR	X						

SECTION VI - HEALTH HAZARD DATA			
CONDITIONS TO AVOID -	ROUTES OF ENTRY - INHALATION () SKIN () INGESTION () EYES ()		
HEALTH HAZARD (Acute and Chronic Over Exposure) - None known			
EMERGENCY AND FIRST AID PROCEDURES - None			

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE			
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED - Scoop into containers			
WASTE DISPOSAL METHOD - Normal solid waste disposal per local regulations			
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING - Ordinary			
OTHER PRECAUTIONS - None			

SECTION VIII - CONTROL MEASURES			
RESPIRATORY PROTECTION - Not normally required. Spray application releases particulate matter into the air. To prevent inhalation of same, use proper respirator device as recommended by equipment manufacturer.			
VENTILATION - Only to permit drying			
PROTECTIVE GLOVES - Only to prevent soiled hands			
EYE PROTECTION - Safety goggles			
OTHER PROTECTIVE EQUIPMENT - None			
WORK - HYGIENIC PRACTICES - Maintain good personal hygiene. Wash skin with soap and water or waterless cleaner.			