

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 4/6/05			
FOR EMERGENCY ASSISTANCE CALL POLYGUARD - (800) 541-4994 (DAY) OR CHEMTREC - (800) 424-9300 (24 HOURS)					
Trade Name & Synonyms - Polyguard Pipeline Coatings 600, 610, 606,611B					
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.
Bitumen (cracking residue)	8052-42-4	5 mg/M ³ (fumes)	5 mg/M ³ (fumes)	NO	LISTED AS GROUP 3. (See A)	NO	67 - 74%
Polyethylene	9002-88-4	NA	NA	NO	LISTED AS GROUP 3 (See A)	NO	0 - 8%
Styrene-butadiene Rubber	9003-55-8	NA	NA	NO	LISTED AS GROUP 3 (See A)	NO	0 - 18%
Calcium Carbonate	0471-34-1	NA	NA	NO	NOT LISTED	NO	0 - 6%

*** 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 Tape, Slight Asphalt Odor			
BOILING POINT (°F)	N/D	SPECIFIC GRAVITY (H₂O = 1)	1.09
VAPOR PRESSURE (mm Hg)	N/D	PERCENT, VOLATILE BY VOLUME (%)	N/D
VAPOR DENSITY (AIR = 1)	N/D	EVAPORATION RATE (ETHER = 1)	N/D
SOLUBILITY IN WATER	< .01	VOC g/L	0

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA CO ₂ , Water, Foam	FLASH POINT (Method used) >625 ° F	FLAMMABLE LIMITS	LEL N/D UEL N/D
SPECIAL FIRE FIGHTING PROCEDURES - Wear self-contained breathing apparatus when fighting fires.			
UNUSUAL FIRE AND EXPLOSION HAZARDS - N/D			

SECTION V - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID						
	STABLE	X		None					
INCOMPATIBILITY (Materials to Avoid) - N/D									
HAZARDOUS DECOMPOSITION OR BYPRODUCTS - CO, CO ₂ , Smoke			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">HAZARDOUS POLYMERIZATION</td> <td style="width: 50%; text-align: center;">MAY OCCUR</td> </tr> <tr> <td></td> <td style="text-align: center;">WILL NOT OCCUR</td> </tr> <tr> <td></td> <td style="text-align: center;">X</td> </tr> </table>	HAZARDOUS POLYMERIZATION	MAY OCCUR		WILL NOT OCCUR		X
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SECTION VI - HEALTH HAZARD DATA

CONDITIONS TO AVOID - Excessive temperatures over 200°F	ROUTES OF ENTRY - INHALATION (X) SKIN (X) INGESTION () (Note: Inhalation entry could occur if product is heated to a molten state.)
HEALTH HAZARD (Acute Over Exposure) - SKIN - Slight irritation	
HEALTH HAZARD (Chronic Over Exposure) - SKIN - Slight irritation	
EMERGENCY AND FIRST AID PROCEDURES - SKIN - Wash area of contact thoroughly with soap and water.	

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED - N/D
WASTE DISPOSAL METHOD - Dispose 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. Do not store in temperature exceeding 200°F.
OTHER PRECAUTIONS - N/D

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION - N/D
VENTILATION - LOCAL EXHAUST - N/D MECHANICAL - N/D
PROTECTIVE GLOVES - Wear impervious gloves.
EYE PROTECTION - N/D
OTHER PROTECTIVE EQUIPMENT - N/D
WORK - HYGIENIC PRACTICES - Maintain good personal hygiene.