

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 INSULSHIELD		
Chemical Name or Composition - Polyester	Chemical Family - Polyesters	Formula - Fabric

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.
Polyester Fabric	NA	NA	NA	NO	NOT LISTED	NO	100%

*** 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: Grayish Fabric			
BOILING POINT (°F)	N/D	SPECIFIC GRAVITY (H₂O = 1)	.92
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			HAZARDOUS POLYMERIZATION	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">MAY OCCUR</td> <td style="width: 20px;"></td> </tr> <tr> <td style="text-align: center;">WILL NOT OCCUR</td> <td style="text-align: center;">X</td> </tr> </table>	MAY OCCUR		WILL NOT OCCUR	X
MAY OCCUR								
WILL NOT OCCUR	X							

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 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. 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.