

*****PLEASE CHECK MANUFACTURER'S WEBSITE FOR THE MOST CURRENT VERSION OF ALL MATERIAL SAFETY DATA SHEETS*****

MATERIAL SAFETY DATA SHEET

POLYGUARD PRODUCTS, INC.

ESSENTIALLY SIMILAR TO OSHA FORM 174

Manufacturer's Name: POLYGUARD PRODUCTS, INC.		Telephone Number: (972) 875-8421		NFPA * FIRE HAZARDS IDENTIFICATION SYSTEM	
Address: P.O. Box 755, Ennis Texas, 75120		Date: 4/6/05		HEALTH	1
FOR EMERGENCY ASSISTANCE CALL: Polyguard: (800) 541-4994 (DAY) or CHEMTREC: (800) 424-9300				FIRE	1
OSHA Hazard Communication Standard (29 CFR 1910, 1200) requirements for MSDS forms do not apply to the products described in this information sheet. These products are excluded as articles. Trade Name & Synonyms: This data sheet covers the following Polyguard Products laminated tapes and membranes: Underseal XT 750, XT 751, XT 850, XT 851, XT Seal Tape, XT Fabric Tape, 650, 665, Deck Guard, Tileguard, 650 XTP, 650 XTM, 300, 400, 401, Alumina-Flash, Preformed End Dams, Preformed Inside Corners and Outside Corners, Styro Tape, JT-30, JT-20, Fabwrap 20, Insulrap 30 SJ, Insulrap 50 SJ, Alumaguard, Insulrap 75, No Torch 125, 600, 606, 610, RD-6, 600 UV 350, NW-75, Cold Flex 2000, Cold Flex 2000 SA, WindowSeal, Peel 'n Stick, Steel Seal, 1100 Membrane, 105-12 Flashing, JT-40				REACTIVITY	0
Chemical Name or Composition: Laminated Article Containing Adhesive Mixture				Chemical Family: Hydrocarbon	Formula: Mixture of Bitumen and Additives, Laminated to backings and/or reinforcement materials.

SECTION II – INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER	NIOSH 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 OSHA FOUND PRODUCT TO BE A POTENTIAL CARCINOGEN	% 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	65-84%
Styrene-butadiene	9003-55-8	NA	NA	NO	LISTED AS GROUP 3 (See A)	NO	0-15%
Petroleum Hydrocarbon Resin	68527-25-3	NA	NA	NO	NOT LISTED	NO	0-8%
Talc	14807-96-6	NA	NA	NO	LISTED AS GROUP 3 (See A)	NO	0-15%
Calcium Carbonate	0471-34-1	NA	NA	NO	NOT LISTED	NO	0-15%
Proprietary Ingredient	Trade Secret (See B)	NA	NA	NO	NOT LISTED	NO	0-5%
Polyethylene (as film/fabric)	9002-88-4	NA	NA	NO	LISTED AS GROUP 3 (See A)	NO	0-8%
Polypropylene (as film/fabric)	9003-07-0	NA	NA	NO	LISTED AS GROUP 3 (See A)	NO	0-8%
Polyester (as film/fabric)	NA	NA	NA	NO	LISTED AS GROUP 3 (See A)	NO	0-8%
Nylon (as film/fabric)	NA	NA	NA	NO	LISTED AS GROUP 3 (See A)	NO	0-5%
Aluminum Foil (as film/fabric)	NA	NA	NA	NO	NOT LISTED	NO	0-2%

* 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*

B. The composition of this ingredient is classified as a Trade Secret in accordance with CFR 29 1910.1200. This product is a mixture for which no health hazard data exist.

SECTION III – PHYSICAL DATA

APPEARANCE AND ODOR: Black, white, or grey tape, slight asphalt odor			
BOILING POINT (°F)	N/D	SPECIFIC GRAVITY (H₂O = 1)	1.0 – 1.3
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) >525° F COC	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	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: <i>Inhalation entry could occur if product is heated to a molten state.</i>)		
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 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