



800 Martha Street – Pittsburgh, PA 15120
412/462-6300

Polyglas™ Surge Rope

1. PRODUCT IDENTIFICATION

Product Class:	Polyglas™ Surge Rope	Manufacturing Division/Address:	
Trade Name:	Electrical Insulation	Pittsburgh Electrical Insulation	
Product #:	R200 – 41524BN	800 Martha Street	
		Pittsburgh, PA 15120	
		Emergency Phone Number: 412-462-6300	

2. HAZARDOUS INGREDIENTS

INGREDIENTS	CAS NUMBER	PERCENT BY WT	TLV	PEL
Diallyl Phthalate	0000131-17-9	< 20	N.E.	N.E.
Fibrous Glass	0065997-17-3	< 80	10mg/m3	5mg/m3

3. PHYSICAL DATA

Boiling Range: 160 Degrees C	Vapor Density: < 1	Evaporation Rate (NBUAC = 1): > 1
Volatile by Volume: N.A.	Specific Gravity: 1.2 – 1.3	Vapor Pressure (MM H): 2.4
Appearance: Clear Coated, Substrate	Solubility in Water: Slightly Soluble	

4. FIRE AND EXPLOSION DATA

Flash Point Method Used: 155 Degrees C Closed Cup
Flammability Limits: LEL N.D. & UEL N.D.
Dot Category: Not Regulated
Extinguishing Media: Dry Chemical, Carbon Dioxide or Water Fog

Special Fire Fighting Procedures:

Material will not burn unless preheated. Do not enter confined space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots); including a positive pressure NIOSH-approved self-contained breathing apparatus. Cool fire-exposed containers with organic vapors.

5. HEALTH HAZARD INFORMATION

Effects of overexposure:

SKIN

Can cause moderate irritation with handling. Product may cause skin sensitization (allergy), evidenced by rashes or hives.

EYES

Vapors may cause irritation when product is being handled or heat is applied. Contact with eyes may result in severe irritation and corneal injury.

INHALATION

Because of its low volatility, this product is not likely to produce any adverse effect by inhalation. However, vapors and dust can irritate nasal and respiratory tract while product is handled, cured or exposed to heat.

INGESTION

Product is generally considered to have a degree of acute oral toxicity.

AGGRAVATED MEDICAL CONDITIONS

Preexisting skin allergies may increase the chance of developing increased allergy symptoms from exposure to this product. Preexisting skin and eye disorders may be aggravated by exposure to this product.

GENERAL OVEREXPOSURE SYMPTOMS

Overexposure to this material (or its components) has apparently been found to cause the following effects in laboratory animals: liver abnormalities, lung damage, blood abnormalities.

Emergency and First Aid Procedure:**SKIN**

Remove immediately by thoroughly washing with powdered hand soap or waterless hand cream.

If symptoms listed above develop, get medical attention. Do not use solvents for removal.

EYES

Flush with water at least 15 minutes while holding eyelids open. Consult a physician.

INHALATION

Remove victim to fresh air and provide oxygen if breathing is difficult. Consult a physician.

INGESTION

Consult a physician.

Stability: Stable Hazardous Polymerization will not occur.**INCOMPATIBILITY / MATERIALS TO AVOID**

Strong Oxidizing agents and strong lewis or mineral acids

CONDITIONS TO AVOID

High temperature prior to application

PRODUCTS OF COMBUSTION

Burning may produce Carbon Monoxide and/or Carbon Dioxide, aldehydes, acids and other irritating and/or toxic vapors.

May produce irritating and/or toxic vapors when heated.

6. SPILL OR LEAK PROCEDURES**Steps to be taken in case material is released or spilled:**

Avoid contact with liquid or solid. Avoid breathing vapors or dust. Use proactive measures outlined below. Persons not wearing protective equipment if dust, liquid or vapors exceed the TLV should be restricted from the area of the spill or leak until cleanup has been completed. Ventilate area of spill. Sweep onto paper or other suitable material and place in an appropriate container.

Waste disposal method:

Dispose of in compliance with Federal, State and Local regulations.

7. SPECIAL PROTECTION INFORMATION**RESPIRATORY PROTECTION**

Not ordinarily required. If product is warmed or heated, vapors may be produced. Dust may also occur when handling. In such cases, use a NIOSH-approved respirator as required to prevent overexposure. In accordance with 29 CFR 1910.134, use either an atmosphere-supplying respirator or an air-purifying respirator for organic vapors.

PROTECTIVE GLOVES

Impervious gloves required. Butyl rubber gloves are recommended.

VENTILATION

Local Exhaust recommended when material is handled or heated.

EYE PROTECTION

Safety glasses strongly recommended.

OTHER PROTECTIVE CLOTHING

Impervious clothing required.

8. SPECIAL PRECAUTIONS**Precautions to be taken in handling and storage:**

Store in a cool, dry place in sealed containers. Keep away from open flame and high temperatures. Use in areas with adequate ventilation. Avoid contact with eyes and skin. Avoid prolonged or repeated breathing of vapor dust. Wash thoroughly after handling. Launder contaminated clothing before reuse. If clothing cannot be decontaminated, it should be destroyed.

9. REGULATORY REQUIREMENTS**Sara Section 313 Supplier Notification:**

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the emergency planning and community right-to-know act of 1986 and of 40 CFR 372:

CAS NUMBER**CHEMICAL NAME****PERCENT BY WT**

NOT APPLICABLE

This information must be included in all MSDS's that are copied and distributed for this material.

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