

Material Safety Data Sheet

1. Product and Company Identification

Product name Polyguard 440 P & 440 NP Outerwrap
Supplier/Manufacturer: Polyguard Products, Inc
3801 South Interstate 45
Ennis, TX 75119
Tel: (800) 541-4994
In case of emergency CHEMTREC, US 1-800-424-9300 International 1-703-527-3887

2. Hazards identification

Physical state: Solid
Odor: None
Emergency Overview: Based on pertinent available data, this material is not considered hazardous under the OSHA Haz Com standard 29 CFR1910.120.
Potential acute health effects
Inhalation: Non respirable film. Vapors emitted during thermal decomposition may cause upper respiratory irritation if ventilation is inadequate.
Ingestion: No known significant effects, not a probable route of exposure.
Skin: No known significant effects or critical hazards
Eyes: Contact with eyes may cause irritation.
Medical conditions aggravated by overexposure: None known
See toxicological information (Section 11)

3. Composition/information on ingredients

United States			
Name		CAS number	%
Polyethylene		9002-88-4	98-100 %

4. First aid measures

Eye contact: Flush with water for at least 15 minutes. If pain or irritation persists, seek medical attention.
Skin contact: If irritation occurs, wash exposed area thoroughly with soap and water.
Inhalation: If exposed to fumes from overheating or from combustion, move to fresh air.
Ingestion: Not likely to occur under normal use.

5. Fire-fighting measures

Flammability of the product: Combustible but no unusual hazards
Extinguishing media:
Suitable Water fog, Dry chemical, carbon dioxide and foam.
Special protective equipment: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face piece operated in a positive pressure mode.

6. Accidental release measures

Personal precautions:	Clean up materials to prevent a slipping hazard.
Environmental precautions:	Not applicable
Methods for cleaning up	Due to the physical nature of this product, spills are not possible.

7. Handling and storage

Handling & Storage	Store in a cool dry place away from any source of ignition.
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8. Exposure controls/personal protection

	United States
Product name	Exposure limits
Polyethylene	ACGIH TLV – N/A
	OSHA PEL or TWA – N/A

8. Exposure controls/personal protection

Engineering measures:	No ventilation is required for normal use. If process requires heating, use ventilation to keep exposure below exposure limit.
Hygiene measure:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the work station location.
Personal protection	
Eyes:	Safety glasses
Skin/ hands:	Normal work gloves

9. Physical and chemical properties

Physical state:	Plastic film
Vapor Pressure	N/A
Boiling point:	N/A
Flash Point	N/A
Vapor Density (air=1)	N/A
Solubility in water	Insoluble
Specific Gravity (H₂O=1)	0.91-0.97
Evaporation Rate	N/A
Melting point	230-237 F (110-114 C)

10. Stability and reactivity

Stability:	The product is stable under normal conditions.
Hazardous polymerization:	Hazardous polymerization will not occur.
Conditions to avoid:	Flames, heat, sparks, temperatures above 635 F (335 C) and other sources of ignition.
Materials to avoid:	None known
Hazardous decomposition:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information

Eye effects	Not toxic
Skin Effect	Not toxic
Target organs	None
Carcinogenicity:	None known
Mutagenitive and reproductive effects:	Not considered to be a hazard.

12. Ecological information

Environmental effects: This material is not expected to be hazardous to the environment.

13. Disposal considerations

Waste disposal: The generation of waste should be avoided or minimized wherever possible. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to SECTION 7; Handling and Storage and Section 8: Exposure Control / Personal Protection for additional handling information and protection of employees.

14. Transportation information

Not regulated.

15. Regulatory information

United States

U.S. Federal regulations:

All components are listed on the US TSCA inventory.
SARA 302/304/311/312 extremely hazardous substance: No products were found.
SARA 311/312 MSDS –No products found.

16. Other information

References

ANSI Z400.5, MSDS standard, 2004.-Manufacturer's Material Safety Data Sheet-29CFR Part 1910.1200 OSHA MSDS Requirements.-49 CFR Table List of Hazardous Materials, UN #, Proper Shipping Names, PG. -

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