

Safety Data Sheet

Section 1. Identification

GHS product Identifier : Polyguard 440 P & 440 NP Outer wrap
Other means of identification : Not available

Relevant identified used of the substance or mixtures and uses advised against

This Polyethylene product is part of the a pipeline coating system.

Supplier's details Polyguard Products, Inc
3801 South Interstate 45
Ennis, TX 75119
Tel: (800) 541-4994
**Emergency telephone number
with hours of operation)** CHEMTREC, US 1-800-424-9300 International 1-703-527-3887
(24/7)

Section 2. Hazards identification

OSHA/HCS status : While this material is not considered hazardous by the OSHA Hazardous Communications Standard (49CFR1910.1200) , this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture : Not classified

GHS label elements

Signal word : No signal word

Hazard statement : No known significant effects or critical hazards.

Precautionary statements

Prevention : Not applicable

Response : Not applicable

Storage : Not applicable

Disposal : In accordance with local, regional, and federal regulations.

Hazards not otherwise classified : None known

Section 3. Composition/information on ingredients

Substance/Mixture : Mixture

Other means of identification : Not available

CAS number/other identifiers

CAS number : Not applicable

Product code : Not applicable

Occupational exposure limits, if available are listed in section 8.

Section 4. First aid measures

Description of necessary first aid measures.

Eye contact Contact with eyes may cause irritation .Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if symptoms occur.

Inhalation Not a route of entry. Vapor emitted during thermal decomposition may cause upper respiratory irritation if ventilation is in adequate.

Skin contact Wash with soap and water. Get medical attention if symptoms occur.

Ingestion Not likely to occur under normal use.

Section 4. First aid measures

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact	: No known significant effects or critical hazards
Inhalation	: No known significant effects or critical hazards
Skin contact	: No known significant effects or critical hazards
Ingestion	: No known significant effects or critical hazards

Over-exposure signs/symptoms

Eye contact	: No known significant effects or critical hazards
Inhalation	: No known significant effects or critical hazards
Skin contact	: No known significant effects or critical hazards
Ingestion	: No known significant effects or critical hazards

Indication of immediate medical attention and special treatment needed, if necessary.

Notes to physician:	: No specific treatment. Treat symptomatically.
Specific treatments	: No specific treatment
Protection of first-aiders:	: No action shall be taken involving any personal risk or without suitable training.

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media	: Water fog, Dry chemical, carbon dioxide, and foam.
Unsuitable extinguishing media	: None known
Specific hazards arising from the chemical	: No specific fire or explosion hazard.
Hazardous thermal decomposition products	Decomposition products may include the following materials: Carbon Dioxide Carbon Monoxide Low MW hydrocarbons
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.
Special protective actions for fire fighters	: No special protection is required.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures.

For non emergency personal	: No special measures required.
For emergency responders	: No special measures required.
Environmental precautions	: Not applicable

Methods and materials for containment and cleaning up

Spill	: Due to the physical state of this material, spills are not possible.
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Section 7. Handling and storage

Precautions for safe handling

Protective measures	: Put on appropriate personal protective equipment (see Section 8)
Advice on general occupational hygiene	Eating, drinking and smoking should be prohibited in areas where material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See section 8 for additional information on hygiene measures.

Section 7. Handling and storage

Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry cool and well-ventilated area away from oxidizing materials (see section 10) and food and drink.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Appropriate engineering controls

: No special ventilation requirements.

Environmental exposure controls

: None required.

Hygiene measure:

: Wash hands, forearms and face thoroughly after handling products, before eating, smoking, and using the lavatory and at the end of the working period.

Eye/face protection

: Safety eyewear complying with an approved standard should be used when risk assessment indicates this is necessary to avoid exposure..

Skin Protection

Hand protection

: Normal work gloves.

Body protection

: Not required.

Other skin protection

: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection

: Under normal usage of this product , respiratory protection is not required.

Section 9. Physical and chemical properties

Appearance

Physical state

: Solid plastic film

Color

: Black

Odor

: None

Odor threshold

: Not available

pH

: Not applicable

Melting point

: 230-237 F (110-114 C)

Boiling point

: Not applicable

Flash Point

: Not applicable

Burning time

: Not determined

Burning rate

: Not determined

Evaporation rate:

: Not applicable

Flammability(solid, gas)

: Not applicable

Lower & upper explosive (flammable) limits

: Not applicable

Vapor density

: Not applicable

Vapor pressure

: Not applicable

Relative density

: 0.91-0.97

Solubility

: Insoluble in water

Partition coefficient: n-octanol/water

: Not applicable

Auto- ignition temperature

: Not applicable

Decomposition temperature

: Not applicable

SADT

: Not applicable

Section 10. Stability and reactivity

Reactivity	: The product is stable under normal conditions.
Chemical stability	: The product is stable under normal conditions.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous decomposition will not occur.
Conditions to avoid:	: Heat, flames, sparks, temperatures above 635 F (335 C) and other sources of ignition.
Incompatible materials	: None known
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity : There is no data available

Irritation/Corrosion

Skin : There is no data available

Eyes : There is no data available

Respiratory : There is no data available

Sensitization

Skin : There is no data available

Respiratory : There is no data available

Mutagenicity : There is no data available

Carcinogenicity : There is no data available

Reproductive toxicity : There is no data available

Specific target organ toxicity : There is no data available

(single exposure)

Specific target organ toxicity : There is no data available

(repeated exposure)

Aspiration hazard : There is no data available

Information on the likely routes of exposure : Routes of entry anticipated: none.

: Routes of entry not anticipated: Oral, inhalation, ingestion, dermal

Potential acute health effects

Eye contact : No known significant effects or critical hazards

Inhalation : No known significant effects or critical hazards

Skin contact : No known significant effects or critical hazards

Ingestion : No known significant effects or critical hazards

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : No known significant effects or critical hazards

Inhalation : No known significant effects or critical hazards

Skin contact : No known significant effects or critical hazards

Ingestion : No known significant effects or critical hazards

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : No known significant effects or critical hazards

Potential delayed effects : No known significant effects or critical hazards

Long term exposure

Potential immediate effects : No known significant effects or critical hazards

Potential delayed effects : No known significant effects or critical hazards

Section 11. Toxicological information

Potential chronic health effects

General	: No known significant effects or critical hazards
Carcinogenicity	: No known significant effects or critical hazards
Mutagenicity	: No known significant effects or critical hazards
Teratogenicity	: No known significant effects or critical hazards
Developmental effects	: No known significant effects or critical hazards
Fertility effects	: No known significant effects or critical hazards
Target organs	: No known significant effects or critical hazards

Numerical measures of toxicity

Acute toxicity estimates	: There is no data available
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Section 12. Ecological information

Toxicity	: This material is not expected to be hazardous to the environment.
Persistence and degradability	: There is no data available
Bioaccumulative potential	: There is no data available
Mobility in soil	
Soil/water partition coefficient (K_{oc})	: Not applicable
Other adverse effects	: No known significant effects or critical hazards

Section 13. Disposal Considerations

Disposal methods	: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. 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.
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Section 14. Transportation information

AERG:	: Not applicable
Regulatory Information:	
DOT/TDG/IMDG/IATA	: Not regulated

Section 15. Regulatory information

U.S. Federal regulations:	United States TSCA Inventory: All components are listed or exempted
<u>Composition/information on ingredients</u>	
SARA 302/304/311/312	: No products found.
SARA 311/312	: No products found.
<u>California Prop.65</u>	: No products were found

16. Other information

Date of revision: 5/20/15
Date of previous issue 7/3/14
Revisions: Revision to entire document for compliance of new HazCom rules.
Version 5
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