

Safety Data Sheet

Section 1. Identification

GHS product Identifier : Polyguard Alumaguard® Lite
Other means of identification : Not available

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

A multi ply membrane used to weather-proof exterior insulated ductwork, piping and other insulated tanks, vessels and equipment.

Supplier's details Polyguard Products, Inc
3801 South Interstate 45
Ennis, TX 75119
Tel: (800) 541-4994
Emergency telephone number CHEMTREC, US 1-800-424-9300 International 1-703-527-3887
(with hours of operation) (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 :Not applicable

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 Not likely to occur.

Inhalation Not likely to occur under normal use. Possible exposure to toxic fumes if burned.

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.
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, foam, CO₂, or dry chemical.

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
Sulfur oxides
Low MW hydrocarbons
Organic acids
Aldehydes, Alcohols.

Flammability of the product : Aluminum layer will char while PET film layer will ignite and continue to burn. In normal atmosphere. Burning film may drip and spread as it melts.

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.

Section 7. Handling and storage

Precautions for safe handling

Protective measures : Like most plastic films, this material can for a static charge. This material can also cause a slip hazard if good housekeeping procedures are not followed.

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.

Section 7. Handling and storage

Conditions for safe storage, including any incompatibilities

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

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Appropriate engineering controls

: None required under normal working conditions.

Environmental exposure controls

: None required under normal working conditions.

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. Ensure that eyewash stations and safety showers are close to the work station location.

Eye/face protection

: safety eyewear complying with an approved standard should be used .

Skin Protection

Hand protection

Body protection

: Normal work gloves may be worn if a risk assessment indicates this is necessary.
: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

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

: No respiratory protection is required under normal application of this product.

Section 9. Physical and chemical properties

Appearance

Physical state

: Solid (tape)

Color

: Silver metallic

Odor

: Slight Acrylic odor

Odor threshold

: Not available

pH

: Not applicable

Melting point

: 489 F

Boiling point

: Not available

Flash Point

: Not determined

Burning time

: Not determined

Burning rate

: Not determined

Evaporation rate:

: No applicable

Flammability(solid, gas)

: Not applicable

Lower & upper explosive (flammable) limits

: Not applicable

Vapor density

: Not applicable

Vapor pressure

: Not applicable

Relative density

: 1.09

Solubility

: Insoluble in water

Partition coefficient: n-octanol/water

:Not available

Auto- ignition temperature

: Not applicable

Decomposition temperature

: Not applicable

SADT

: Not applicable

Viscosity

: Not applicable

VOC

:0 g/l

Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: This product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Conditions to avoid:	: No specific data.
Incompatible materials	: Reactive or incompatible with the following materials: Oxidizing materials
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced. Toxic gas upon burning or prolong exposure to > 280 C or 536 F.

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

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

<u>Acute toxicity estimates</u>	: There is no data available
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Section 12. Ecological information

<u>Toxicity</u>	: There is no data available
<u>Persistence and degradability</u>	: There is no data available
<u>Bioaccumulative potential</u>	: There is no data available
<u>Mobility in soil</u>	
Soil/water partition coefficient (K _{OC})	: Not applicable
Other adverse effects	:No known significant effects or critical hazards

Section 13. Disposal Considerations

<u>Disposal methods</u>	: 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 inventory (TSCA 8 b): all components are listed or exempted
Clean Air Act Section 112 (b) Hazardous air pollutants (HAPs)	: Not listed
Clean Air Act (CAA) Section 602 Class I Substances	: Not listed
Clean Air Act (CAA) Section 602 Class II Substances	: Not listed
DEA List I Chemicals (Precursor chemicals)	: Not listed
DEA List II Chemicals (Essential Chemicals)	: Not listed
SARA 302/304	

Section 15. Regulatory information

Composition/information on ingredients	: No products found
SARA 304 RQ	:Not applicable
SARA 311/312	
Classification	: Not applicable
State regulations	
California Prop.65	: No products were found
International regulations	
Chemical Weapons	: Not listed
Convention List schedule I	
Chemicals	
Chemical Weapons	: Not listed
Convention List schedule II	
Chemicals	
Chemical Weapons	: Not listed
Convention List schedule III	
Chemicals	

16. Other information

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Revisions:	Revision to entire document for compliance of new HazCom rules.
Version	2
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