

## Safety Data Sheet

### Section 1. Identification

**GHS product Identifier** : Polyguard Zero- Perm<sup>®</sup> A  
**Other means of identification** : Not available

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

Vapor barrier laminate use to seal butt and longitudinal joints and for use on valves and fittings.

**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** : 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** 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 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. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

## 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. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
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	: Use an extinguishing agent suitable for the surrounding fire.
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

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	: Put on appropriate personal protective equipment.
For emergency responders	: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.
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. Remove contaminated clothing and protective equipment before entering eating areas. 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 incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready to use. Do not store in unlabeled containers.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

None

#### Appropriate engineering controls

: No special ventilation requirements. Good ventilation should be sufficient to control worker exposure to airborne contaminants.

#### Environmental exposure controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

#### 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 when risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases and dusts.

#### Skin Protection

##### Hand protection

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

##### Body protection

: 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

: Use a properly fitted, particulate filter respiratory complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

## Section 9. Physical and chemical properties

### Appearance

#### Physical state

: Solid

#### Color

: White/silver

#### Odor

: Acrylic adhesive like

#### Odor threshold

: Not available

#### pH

: Not applicable

#### Melting point

: Not available

#### Boiling point

: Not available

#### Flash Point

: Not determined

#### 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

## 9. Physical and chemical properties

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.

## 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 (single exposure) : There is no data available

Specific target organ toxicity (repeated exposure) : There is no data available

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

## Section 11. Toxicological information

### 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

#### 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>	
<u>Soil/water partition coefficient (K<sub>oc</sub>)</u>	: Not applicable
<u>Other adverse effects</u>	: 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. Empty containers or liners may retain some product residues. 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

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

## Section 15. Regulatory information

<b>U.S. Federal regulations:</b>	<b>TSCA 8(a) CDR Exempt/Partial exemption:</b> Not determined
<b>Clean Air Act Section 112 (b) Hazardous air pollutants (HAPs)</b>	<b>United States inventory ( TSCA 8 b):</b> all components are listed or exempted : Not listed
<b>Clean Air Act (CAA) Section 602 Class I Substances</b>	: Not listed
<b>Clean Air Act (CAA) Section 602 Class II Substances</b>	: Not listed
<b>DEA List I Chemicals ( Precursor chemicals)</b>	: Not listed
<b>DEA List II Chemicals (Essential Chemicals)</b>	: Not listed
<b>SARA 302/304</b>	
<b><u>Composition/information on ingredients</u></b>	: No products found
<b>SARA 304 RQ</b>	: Not applicable
<b>SARA 311/312</b>	
<b>Classification</b>	: Not applicable
<b><u>State regulations</u></b>	
<b>Massachusetts</b>	: The following components are listed: Petroleum asphalt
<b>New Jersey</b>	: The following components are listed: Petroleum asphalt
<b>New York</b>	: None of the components are listed
<b>Pennsylvania</b>	: The following components are listed: Petroleum asphalt
<b><u>California Prop 65</u></b>	: No products were found
<b><u>International regulations</u></b>	
<b>International lists</b>	: Australia inventory ( AICS): all components are listed or exempted : China inventory ( IECSC): all components are listed or exempted : Japan inventory : Not determined : China inventory ( IECSC): All components are listed or exempted : Korea inventory: All components are listed or exempted : Malaysia inventory (EHS Register): Not determined : New Zealand Inventory of Chemicals ( NZIoC):All components are listed or exempted : Philippines inventory ( PICCS): all components are listed or exempted : Taiwan inventory (CSNN): Not determined
<b>Chemical Weapons Convention List schedule I Chemicals</b>	: Not listed
<b>Chemical Weapons Convention List schedule II Chemicals</b>	: Not listed
<b>Chemical Weapons Convention List schedule III Chemicals</b>	: Not listed

## 16. Other information

### Hazardous Material Information System ( USA)

**Health -1**                                      **Flammability-0**                                      **Physical hazards-0**

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with fully implemented HMIS® program. HMIS® is a registered trademark of the National Paint & Coating Association (NPCA). HMIS® materials may be purchased exclusively from J.J. Keller.

### National Fire Protection Association ( USA) NFPA 704

**Health -1**                                      **Flammability-0**                                      **Instability-0**

NFPA-704 was copyrighted by the National Fire Protection Association of Quincy, MA. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactive hazards of chemicals. The user is referred to certain limited number of with recommended classifications in NFPA 49 and NFPA 325, which would be used as guidelines only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

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**Version**                                      3  
**Prepared by**                                      C. Rogalski

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