

# Safety Data Sheet

## Section 1. Identification

**GHS product Identifier** : Insulshield™  
**Other means of identification** : Not available

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

This product is a high strength, multi-layer fabric composite, designed to protect underlying waterproofing membranes and provide a low cost drainage mat which is suitable for most clay soils.

**Supplier's details** Polyguard Products, Inc  
4101 South Interstate 45  
Ennis, TX 75119  
Tel: (214) 515-5000

**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** : This product is considered an article and 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** : This product is considered an article and no GHS element labels are required.

## Section 3. Composition/information on Ingredients

**Substance/Mixture** : Mixture  
**Other means of identification** : Not available  
**CAS number/other identifiers**  
**CAS number** : 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 a route of entry.

**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** : May cause eye irritation  
**Inhalation** : Not applicable.  
**Skin contact** : Irritation and redness.  
**Ingestion** : Not known.

### 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** : Use an extinguishing agent suitable for the surrounding fire.  
**Unsuitable extinguishing media** : None known  
**Specific hazards arising from the chemical** : Generation of fumes from burning product.  
**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** : None.

## 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** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure-obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Store away from heat, sparks, open flames and other ignition sources.  
**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.  
**Condition for safe storage including any incompatibilities** : Store in accordance with local regulations. Store protected from direct sunlight in a dry cool area, away from incompatible materials and food and drink. Eliminate all ignition sources.

## 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 maybe worn if risk assessment indicates this is necessary to avoid exposure.

#### 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

#### Color

: Black

#### Odor

: None

#### Odor threshold

: Not available

#### pH

: Not applicable

#### Melting point

: approximately 320 °F

#### Boiling point

: Not applicable

#### Flash Point

: Greater than 400 °F

#### Evaporation rate:

: Not applicable

#### Vapor density

: Not applicable

#### Specific Gravity

: Less than 1

#### Solubility

: Insoluble in water

## 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, and other sources of ignition.

#### Incompatible materials

: None

#### 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

- Sensitization** : There is no data available  
**Mutagenicity** : Not believed to be mutagenic or a reproductive hazard.  
**Carcinogenicity** : The IARC evaluation is the "Carbon Black (airborne, unbound particles of respirable size) is possibly carcinogenic to humans (Group 2B)."

**Specific target organ toxicity (single exposure)** : None

**Specific target organ toxicity (repeated exposure)** : None

### Potential acute health effects

**Eye contact** : May cause eye irritation.

**Inhalation** : Not likely to occur.

**Skin contact** : May cause skin irritation.

**Ingestion** : Not likely to occur.

### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact** : Adverse symptoms may include the following: pain or irritation, watering, redness.

**Inhalation** : Not a likely mode of entry.

**Skin contact** : Adverse symptoms may include the following: irritation or redness.

**Ingestion** : Not a likely mode of entry.

## 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<sub>oc</sub>)** : 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.

## Section 14. Transportation Information

**AERG** : Not applicable

**Regulatory Information**

**DOT/TDG/IMDG/IATA** : Not regulated

## Section 15. Regulatory Information

<a href="#">U.S. Federal regulations Composition/information on ingredients</a>	: <b>United States TSCA inventory:</b> All components are listed or exempted
<a href="#">SARA 311/312</a>	: This product is not listed.
<a href="#">SARA 313</a>	: This product is not listed.
<a href="#">California Prop. 65</a>	: Carbon black (airborne, unbound particles of respirable size), CAS # 1333-86-4 is listed as a possibly carcinogenic.

## 16. Other Information

<a href="#">Date of revision:</a>	: 9/30/2020
<a href="#">Date of previous issue</a>	: 5/26/2015
<a href="#">Revisions:</a>	: Updated manufacturer's address.
<a href="#">Version</a>	: 4
<a href="#">Prepared by</a>	: C. Rogalski

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