

# Safety Data Sheet

## Section 1. Identification

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

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

This product is a pre-fabricated, high-capacity molded sheet perimeter drainage system constructed using a formed polystyrene core designed specifically to transition water collected from sheet drains to an outlet drain.

**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** : Review installation instructions prior to use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wear protective gloves. Wear eye and face protection.

**Response** : **If Swallowed:** immediately call a poison control center or physician. Do not induce vomiting.

**Storage** : Store in accordance with local regulations. Store away from sunlight and in a dry cool and well ventilated area.

**Disposal** : Dispose of this product in accordance with local, regional, state and national 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** : 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.

### 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 toxic 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. Do not get in eyes. Do not swallow. 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 and well-ventilated 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** : Not available
- 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** : Not applicable

## Section 9. Physical and chemical properties

<b>Solubility</b>	: Insoluble in water
<b>Decomposition temperature</b>	: Not available
<b>Auto- ignition temperature</b>	: Not applicable
<b>Decomposition temperature</b>	: Not applicable

## Section 10. Stability and reactivity

<b>Reactivity</b>	: The product is stable under normal conditions.
<b>Chemical stability</b>	: The product is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous decomposition will not occur.
<b>Conditions to avoid:</b>	: Heat, flames, sparks and other sources of ignition and temperatures above 150 °F.
<b>Incompatible materials</b>	: None
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

<b><u>Acute toxicity</u></b>	: There is no data available
<b><u>Irritation/Corrosion</u></b>	: There is no data available
<b><u>Sensitization</u></b>	: There is no data available
<b><u>Mutagenicity</u></b>	: There is no data available
<b><u>Carcinogenicity</u></b>	: There is no data available
<b><u>Reproductive toxicity</u></b>	: There is no data available
<b><u>Specific target organ toxicity (single exposure)</u></b>	: There is no data available
<b><u>Specific target organ toxicity (repeated exposure)</u></b>	: There is no data available
<b><u>Aspiration hazard</u></b>	: There is no data available

### Potential acute health effects

<b>Eye contact</b>	: Caused eye irritation
<b>Inhalation</b>	: Not likely to occur.
<b>Skin contact</b>	: May cause skin irritation.
<b>Ingestion</b>	: Not likely to occur.

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

<b>Eye contact</b>	: Adverse symptoms may include the following: pain or irritation, watering, redness.
<b>Inhalation</b>	: Not a likely mode of entry.
<b>Skin contact</b>	: Adverse symptoms may include the following: irritation or redness.
<b>Ingestion</b>	: Not a likely mode of entry.

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

#### Short term exposure

<b>Potential immediate effects</b>	: No known significant effects or critical hazards
<b>Potential delayed effects</b>	: No known significant effects or critical hazards
<b><u>Long term exposure</u></b>	
<b>Potential immediate effects</b>	: No known significant effects or critical hazards
<b>Potential delayed effects</b>	: No known significant effects or critical hazards

## Section 11. Toxicological information

### Potential chronic health effects

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

### Numerical measures of toxicity

**Acute toxicity estimates** : There is no data available

## Section 12. Ecological information

<b>Toxicity</b>	: This material is not expected to be hazardous to the environment.
<b>Persistence and degradability</b>	: There is no data available
<b>Bioaccumulative potential</b>	: There is no data available
<b>Mobility in soil</b>	
<b>Soil/water partition coefficient (K<sub>oc</sub>)</b>	: Not applicable
<b>Other adverse effects</b>	: 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

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

## Section 15. Regulatory information

<b>U.S. Federal regulations</b>	: <b>United States TSCA inventory:</b> All components are listed or exempted
<b>Composition/information on ingredients</b>	
<b>SARA 311/312</b>	: This product is not listed.
<b>California Prop. 65</b>	: No products were found

## 16. Other information

**Date of revision:** : 5/26/15  
**Date of previous issue** : 9/17/14  
**Revisions:** : Revision to entire document for compliance of new HazCom rules.  
**Version** : 3  
**Prepared by** : C. Rogalski

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