# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Product Identifier**: CoolGuard® PVC/Elvaloy
**Item Numbers**: BERM48H, BERM48L, BERM88H, BERM88L, BERM1212H, BERM1212L, BERM1225H, BERM1225L, BERM1250H, BERM1250L
**General Use:** Large-sized Berm is ideal for large-scale spill containment beneath tanker trucks, roll-off containers and more.
**Product Description:** Containment Berm

**COMPANY PROFILE**:
SpillTech
Brookley Industrial Park
Mobile, AL 36615

**TELEPHONE NUMBERS**:
Emergency: (770) 929-6609
Technical Information: 1 (800) 228-3877

## 2. Composition / Information on Ingredients

This material is not classified as hazardous under Federal OSHA regulations

## 3. Hazards Identification

Emergency Overview: CoolGuard® as sold in solid form is generally not considered hazardous. However, if the process involves elevating the temperature above 450F (232C), hazardous levels of airborne gasses could be generated.

**Primary Routes Of Entry:**
**Inhalation**: At processing temperatures above 450F (232C), fumes irritating to the eyes, nose and throat may be produced. This exposure may cause irritation to eyes, respiratory system, and skin. If exposed to fumes from overheating or combustion, move to fresh air. Consult a physician.

**Skin Contact:** No data available. However, based on experience, no unusual dermatitis hazard is expected with routine handling. Molten material contacting the skin will cause thermal burn.

**Eye Contact:** Mechanical irritation only.

**Ingestion:** Not a probable route of exposure.

**Medical Conditions Aggravated By Exposure:** Persons with asthma may experience respiratory irritation upon exposure to fumes.

**Carcinogenic References:** None.

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## 4. First Aid Measures

**First Aid For Eyes:** Flush for at least 15 minutes. If irritation persists or develops, consult a physician.

**First Aid For Skin:** The membrane is not likely to be hazardous by skin contact but cleansing the skin after use is advisable. If molten material gets on skin, cool rapidly with cold water. Do not attempt to remove material from skin. Obtain medical treatment for thermal burn.
**First Aid For Ingestion:** No specific intervention is indicated as compound is not likely to be hazardous by ingestion. Consult a physician if necessary.

**First Aid For Inhalation:** If exposed to fumes from overheating or combustion, move to fresh air. Consult a physician if necessary.

## 5. Fire Fighting Measures

**Flash Point:** Not applicable.

**Extinguishing Media:** Water, carbon dioxide, or dry chemical.

**Special Fire Fighting Procedures:** Wear full protective clothing and MSHA/NIOSH approved self-contained breathing apparatus (SCBA).

**Unusual Fire & Explosion Hazards:** This product is non-flammable and non-explosive under normal conditions of use. At high temperatures this product can decompose to give off hydrochloric acid and gas.

## 6. Accidental Release Measures

**Spill Or Leak Procedures:** Not applicable.

**Waste Disposal Method:** Dispose in accordance with local, state and federal landfill regulations.

## 7. Handling and Storage

**Special Precautions:** None.

**Other Precautions:** None.

## 8. Exposure Controls / Personal Protection

**Eye Protection Requirements:** Eye protection for general handling not normally required.

**Skin Protection Requirements:** Protective gloves are recommended, to prevent mechanical irritation. If there is potential contact with hot/molten material, wear heat resistant clothing and footwear.

**Respiratory Protection:** Not normally required.

**Exposure Limits:** Not established for product as whole. Refer to Section 2.

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**VENTILATION REQUIREMENTS:**

**Local Exhaust:** Recommended when welding or processes involves elevating the temperature above 302F (150C); and/or when general ventilation is not adequate.

**General:** Recommended.

## 9. Physical and Chemical Properties

**Physical Form:** Solid sheet

**Color:** Black or Gray

**Odor:** Faint odor

**Melt Point:** Not Determined

**Solubility In Water:** Insoluble

**Specific Gravity:** 1.3

**Volatile By Weight:** Less than 0.4%

**Vapor Pressure:** N/A

**pH:** N/A

**Vapor Density:** N/A

**Flash Point:** N/A **E**

**vaporation Rate:** N/A

## 10 Stability and Reactivity

**Stability:** N/A

**Hazardous Polymerization:** Will not occur.

**Incompatibilities With Other Materials:** Non-reactive

**Decomposition Products:** Hydrogen chloride, carbon monoxide, carbon dioxide and very small amounts of aromatic and aliphatic hydrocarbons.

**Conditions To Avoid:** Temperatures above 450F (232C),

## 11 Toxicological Information

There is no information on the toxicity of this product as a whole. Under normal use of the solid form of this material there are few health hazards. Welding or any process at high temperatures may cause hazardous levels of certain elements, as addressed in previous sections.

## 12 Ecological Information

No information is available. Ecological toxicity is expected to be low based on insolubility in water.

## 13 Waste Disposal Considerations

Recycle or dispose of in accordance with local, state, and federal regulations.

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## 14 Transportation Information

**DOT Shipping Name:** Not Regulated

**Technical Shipping Name:** N/A

**DOT Hazard Class:** N/A

**UN/NA Number:** N/A

**Product RQ:** N/A

**IATA, Dangerous Goods Regulations:** Not Regulated, in solid form

## 15 Regulatory Information

**OSHA Status**: No specific regulations. The Hazard Communication Standard of the Occupational Safety and Health Administration, 29 CFR 1910.1200, considers components of this product a Hazardous Substance.

**TSCA Status:** In compliance with TSCA Inventory requirements for commercial purposes. Not listed.

**RCRA Status:** Not regulated, in solid form

**SARA Title III**: The constituents of this product which contain hazardous substances, above one (1) percent, and are subject to the reporting requirements under SARA Title III Section 313.

| Substance | CAS No. | Percent Maximum |
|---|---|---|
| **N/A** | | |

LISTED ON THE FOLLOWING INVENTORIES:

Australia (AICS): N/A
Canada (DSL): N/A
China (NEPA): N/A
Europe (EINECS/ELINCS): N/A
Japan (MITI/ENCS): N/A
CA 65: N/A

## 16 Other Information

**Prepared By:** Robin Thornett
**Approval Date:** 18 October 2006
**Reviewed (no changes)**: February 2014
This MSDS has been revised following the guidelines outlined in the American National Standard for Hazardous Materials Z400.1.1393 "Material Safety Data Sheets – Preparation"

**Disclaimer:**
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**MSDS Code**: MSD077

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