



# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Material name** GS-110 ROOT BARRIER  
**Version #** 03  
**Revision date** 24-February-2011  
**Chemical description** Fabric/Mat  
**CAS #** Mixture  
**Manufacturer information** CETCO  
Building Materials Group  
2870 Forbs Avenue  
Hoffman Estates, IL 60192 US  
safety.data@amcol.com  
<http://www.cetco.com/>  
General Information (800) 527-9948  
CHEMTREC® (800) 424-9300

## 2. Hazards Identification

**Emergency overview** No hazards resulting from the material as supplied. Health injuries are not known or expected under normal use.

**OSHA regulatory status** While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

**Potential health effects**

**Eyes** Health injuries are not known or expected under normal use. Dust or powder may irritate eye tissue.

**Skin** Health injuries are not known or expected under normal use. Not expected to be a primary skin irritant.

**Inhalation** Health injuries are not known or expected under normal use. Inhalation of dusts may cause respiratory irritation.

**Ingestion** Health injuries are not known or expected under normal use. Small amounts (a tablespoonful) swallowed during normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury.

## 3. Composition / Information on Ingredients

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

**Composition comments** This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

## 4. First Aid Measures

### First aid procedures

**Eye contact** Flush eyes with water as a precaution. Get medical attention if irritation develops or persists.

**Skin contact** Rinse with water. Get medical attention if irritation develops or persists.

**Inhalation** No specific treatment is necessary since this material is not likely to be hazardous by inhalation. Call a physician if symptoms develop or persist.

**Ingestion** No need for first aid is anticipated if material is swallowed. Have victim rinse mouth thoroughly with water. If ingestion of a large amount does occur, seek medical attention.

**General advice** If you feel unwell, seek medical advice (show the label where possible).

## 5. Fire Fighting Measures

**Flammable properties** None known.

### Extinguishing media

**Suitable extinguishing media** Use any media suitable for the surrounding fires.

Small Fires: Dry chemical, CO<sub>2</sub>, water spray or regular foam.

Large Fires: Water spray, fog or regular foam.

**Fire fighting equipment/instructions** Not available.

## 6. Accidental Release Measures

**Environmental precautions** No special environmental precautions required.  
**Methods for containment** Containment of this material should not be necessary.  
**Methods for cleaning up** Sweep up or gather material and place in appropriate container for disposal.

## 7. Handling and Storage

**Handling** Keep away from heat and flame.  
**Storage** Keep away from heat, sparks, and flame. Store in a cool place in original container and protect from sunlight.

## 8. Exposure Controls / Personal Protection

### Personal protective equipment

**Eye / face protection** Wear safety glasses with side shields.  
**Skin protection** Not normally needed. Wear suitable protective clothing.  
**Respiratory protection** No personal respiratory protective equipment normally required.  
**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical & Chemical Properties

**Appearance** Not available.  
**Color** Black.  
**Odor** None.  
**Odor threshold** Not available.  
**Physical state** Not available.  
**Form** Mat  
**pH** Not available.  
**Melting point/Freezing point** Not available.  
**Boiling point** Not available.  
**Flash point** > 400 °F (> 204.4 °C) Cleveland Open Cup  
**Evaporation rate** Not available.  
**Flammability limits in air, upper, % by volume** Not available.  
**Flammability limits in air, lower, % by volume** Not available.  
**Vapor pressure** Not available.  
**Vapor density** Not available.  
**Specific gravity** Not available.  
**Relative density** Not available.  
**Solubility (water)** Not available.  
**Partition coefficient (n-octanol/water)** Not available.  
**Auto-ignition temperature** Not available.  
**Decomposition temperature** Not available.  
**VOC** Not available.

## 10. Chemical Stability & Reactivity Information

**Chemical stability** No hazards to be especially mentioned. Stable at normal conditions.  
**Incompatible materials** Chlorine. Strong acids. Strong oxidizing agents.  
**Hazardous decomposition products** At thermal decomposition temperatures, carbon monoxide and carbon dioxide.

**Possibility of hazardous reactions** Will not occur.

## 11. Toxicological Information

**Further information** This product has no known adverse effect on human health.

## 12. Ecological Information

**Ecotoxicity** This material is not expected to be harmful to aquatic life.

**Environmental effects** Ecological injuries are not known or expected under normal use. Based on the physical properties of this product, significant environmental persistence and bioaccumulation would not be expected.

**Persistence and degradability** Not available.

## 13. Disposal Considerations

**Disposal instructions** Dispose in accordance with all applicable regulations.

## 14. Transport Information

### DOT

Not regulated as dangerous goods.

## 15. Regulatory Information

**US federal regulations** OSHA Process Safety Standard: This material is not known to be hazardous by the OSHA Highly Hazardous Process Safety Standard, 29 CFR 1910.119.

### CERCLA (Superfund) reportable quantity

None

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories** Immediate Hazard - No  
Delayed Hazard - No  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

**Section 302 extremely hazardous substance** No

**Section 311 hazardous chemical** No

### Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

**State regulations** This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

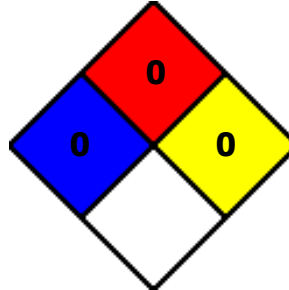
## 16. Other Information

**Further information** This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

**HMIS ratings**

HMIS®		
HEALTH	/	0
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION		

**NFPA ratings**



**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The manufacturer expressly does not make any representations, warranties, or guarantees as to its accuracy, reliability or completeness nor assumes any liability, for its use. It is the user's responsibility to verify the suitability and completeness of such information for each particular use.

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**Issue date**

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