Reflectix, Inc.

Safety Data Sheet
Sill Seal
Closed Cell Polyethylene Foam

Section 1: Identification

Product Name: Sill Seal

Synonyms: Reflectix - CF3055036, CF5055024, CF7055016, CF9055012.
Sealed Air Corporation – Cell-Aire®, Corro-Foam®, EthaFoam® polyethylene foams.

Product Use Description: Utilized to seal foundation contact surfaces between sill plate and foundation in residential and commercial buildings.

Company: Reflectix Inc.
PO Box 108, 1 School Street, Markleville, Indiana 46056
www.reflectixinc.com

Company Contact Phone Number: 800-879-3645 ext. 101

Emergency Numbers:
Reflectix, Inc. (800) 879-3645 x101 For emergency and general information 8:30 AM to 5:00 PM (Eastern Time), Monday - Friday
Sealed Air Corp. (502) 380-4333 For emergency and general information 8:30 AM to 5:00 PM (Eastern Time), Monday - Friday
CHEMTREC (800) 424-9300 For Chemical Emergency – spill, leak, fire, exposure or accident, 24 hours

Section 2: Hazard(s) Identification

Appearance: Solid plastic foam. White or colored solid.

Odor: None.
**Eye:** Dust may cause irritation or corneal injury due to mechanical action. Fumes released during hot operation may cause eye irritation.

**Skin:** May cause skin irritation.

**Ingestion:** May be harmful if swallowed.

**Inhalation:** Fumes generated under heat may cause eye irritation and respiratory irritation. Dust may cause irritation to upper respiratory tract and lungs.

**Precautionary Statement:** Read the entire SDS for a more thorough evaluation of the hazards.

### Section 3: Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Hazardous Ingredient</th>
<th>CAS Number</th>
<th>Wt. %</th>
<th>OSHA-PEL</th>
<th>ACGIH-TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyethylene</td>
<td>9002-88-4</td>
<td>85-100</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
<tr>
<td>Hydrocarbon Gas</td>
<td>75-28-5 or 74-98-6</td>
<td>0-5</td>
<td>800 ppm</td>
<td>800 ppm</td>
</tr>
<tr>
<td>Glycerol Stearate</td>
<td>Mixture</td>
<td>0-2</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
<tr>
<td>Color Concentrate</td>
<td>Variety</td>
<td>0-1</td>
<td>N.E.</td>
<td>N.E.</td>
</tr>
</tbody>
</table>

**Product Component:** Polyethylene

### Section 4: First Aid Measures

**Skin Contact:** Wash exposed skin with soap and water.

**Eye Contact:** Flush eye with plenty of water to remove particulate.

**Ingestion:** Not a likely route of exposure. Induce vomiting if large quantities are swallowed.

**Inhalation:** Remove to fresh air. If not breathing, administer artificial respiration. Oxygen may be given by qualified personnel. Get medical attention.

**Notes to Physician:** Symptomatic and supportive therapy as needed.
Section 5: Fire-Fighting Measures

Flash Point: Polyethylene: N.A.
(Hydrocarbon Gas: -120° F (-84° C))*

Flammable limits (LEL): Polyethylene: N.A.
(Hydrocarbon Gas: 1.8% by volume)*

Flammable limits (UEL): Polyethylene: N.A.
(Hydrocarbon Gas: 8.5% by volume)*

* Only trace amounts of residual blowing agent (under 2 wt%) present in the foam

Extinguishing Media: Water, carbon dioxide (CO2) and dry chemical.

Fire and Explosion Hazards: Trace amounts of residual blowing agent may be present in the foam. Mechanical and thermal processes may produce dust and flammable vapors which may be potential explosion hazards. Tightly sealed containers may burst under fire or intense heat.

Specific Fire Fighting Procedures: Firefighters should be equipped with positive pressure self-contained breathing apparatus in enclosed areas.

Further Information: NFPA Hazzard Code

<table>
<thead>
<tr>
<th>Health</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>1</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
</tr>
<tr>
<td>Special Hazzard</td>
<td>None</td>
</tr>
</tbody>
</table>

0= Minimal  1= Slight  2= Moderate  3= High  4= Extreme

Section 6: Accidental Release Measure

Personnel Precautions: Handle as general inert material.

Environmental Precautions: None do to material form

Methods of Cleaning Up: None
Section 7: Handling and Storage

Storage Temperature: Max 160° F (71° C)

Precautions to be taken in Handling, Storage and Transportation:

WARNING: The polyethylene foam is made with a flammable hydrocarbon blowing agent, most of which is removed prior to shipment. However, residual flammable vapors may gradually exhaust from the foam during storage, fabrication or use. Avoid close confinement of large foam quantities and source of ignition near the foam (i.e. smoking, sparks, and flames). Do not store near heating equipment. Heating equipment should be inspected regularly during every heating season to check for pinholes or larger defects in the combustion chamber. Burns readily when exposed to plentiful and hot ignition sources. Use self-contained breathing apparatus in the event of fire.

WARNING: Fabricating operations which cut large numbers of interior foam cells, can release localized amounts of flammable, residual blowing agent. Provide adequate ventilation to avoid the buildup of blowing agent concentration.

WARNING: Transport large quantities of this polyethylene foam in ventilated vehicles. Exercise caution when opening vehicles containing this polyethylene foam to avoid all possible sources of ignition (lit tobacco products, sparks, etc.) near the foam and vehicle.

Section 8: Exposure Controls / Personnel Protections

Exposure Limits: 

OSHA-PEL: Hydrocarbon Gas 800 ppm
ACGIH-TLV: Hydrocarbon Gas 800 ppm

Respiratory Protection: In dusty atmosphere and where fumes are generated above regulatory limits, wear appropriate respirator protection.

Eye Protection: Use goggles or safety glasses with side shields when exposed to foam dust or particles.

Ventilation: Use local exhaust ventilation if necessary to maintain hydrocarbon gas levels below the PEL and LEL. For guidance on engineering controls, refer to the ACGIH publication “Industrial Ventilation”.

Section 9: Physical and Chemical Properties

**Form:** Solid plastic foam  
**Boiling Point:** Not Applicable  
**Color:** Natural, black, light green and other colors  
**Vapor Density (Air=1):** Not Applicable  
**Vapor Pressure:** Not Applicable  
**Molecular Weight:** N.E.  
**Bulk Density:** 20 - 200 Kg/m³  
**Melting Point:** 230°F (110°C)  
**%Volatile by Volume:** Nil  
**Solubility in Water:** Not soluble.

Section 10: Stability and Reactivity

**Chemical Stability:** Stable  
**Polymerization:** Will not occur.  
**Conditions to Avoid:** Avoid flame, very high temperature, and UV.  
**Incompatible Materials:** Strong oxidants (long contact).  
**Hazardous Decomposition Products:** None

Section 11: Toxicological Information

**Primary Route(s) of Exposure:** Skin contact  
**Inhalation:** Unlikely to occur due to material form.  
**Skin Contact:** Some individuals may experience skin sensitivity or minor irritation due to film additives  
**Eye Contact:** Unlikely due to material form.  
**Ingestion:** Unlikely due to material form.  
**Chronic Effects:** No applicable data.  
**Carcinogenicity:** The ingredients of this product are not classified as carcinogenic by ACGIH or IARC, not regulated as carcinogens by OSHA, and not listed as carcinogens by NTP.  
**Mutagenicity:** No applicable data.
Reproductive Effects: No applicable data.

Teratogenicity and Fetotoxicity: No applicable data.

**Section 12: Ecological Information**

Ecotoxicity: Not applicable

Persistence and Degradability: Not classified as readily biodegradable.

Bio-accumulative Potential: No evidence of occurrence.

Mobility in Soil: Not applicable

Other adverse effects: None

**Section 13: Disposal Considerations**

Dispose of in accordance with existing federal, state, and local environmental control regulations. This material is not a hazardous waste under RCRA CFR261 when disposed of in its purchased form.

**Section 14: Transport Information**

DOT: Not regulated

IMO: Not regulated

IATA/ICAO Class: Not regulated

Reportable Quantity (RO): Not applicable

WARNING: Transport large quantities of this polyethylene foam in ventilated vehicles. Exercise caution when opening vehicles containing this polyethylene foam to avoid all possible sources of ignition (lit tobacco products, sparks, etc.) near the foam and vehicle.
Section 15: Regulatory Information

**TSCA Status:** All materials are not required to be listed.

**CERCLA Status:** Discarded product is not a hazardous waste under RCRA CFR 261, when disposed of in its purchased form.

**SARA 302 Extremely Hazardous Substances:** None

**SARA 311/312 Hazard Type:** Not applicable

**SARA 313 Listed Ingredients:** None

**RCRA Status:** The product as supplied is not classified as a RCRA hazardous waste.

Section 16: Other Information

The following states have regulations that apply to the use of this product:

- **NJ** New Jersey Workplace Hazardous Substance
- **NY** New Jersey Environmental Hazardous Substance List
- **PA** Pennsylvania Hazardous Substance List

The appropriate state agency should be contacted for further details on regulatory requirements.

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