

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. *For emergency and general information 8:30 AM to 5:00 PM (Eastern Time), Monday - Friday*
(800) 879-3645 x101

Sealed Air Corp. *For emergency and general information 8:30 AM to 5:00 PM (Eastern Time), Monday - Friday*
(502) 380-4333

CHEMTREC *For Chemical Emergency – spill, leak, fire, exposure or accident, 24 hours*
(800) 424-9300

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

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

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

Health	0
Flammability	1
Reactivity	0
Special Hazzard	None

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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