

GenFlex Roofing Systems

Material Safety Data Sheet

Material Name: Pourable Sealer-Part A

February 5, 2008

*** Section 1 - Chemical Product and Company Identification ***

Product Use: Sealer

Manufacturer Information

GenFlex Roofing Systems, LLC
250 West 96th Street
Indianapolis, IN 46260

Phone: 317-575-7190 (Non-Emergency)

Emergency # 1-800-424-9300 (CHEMTREC)
International # 1-703-527-3887 (CHEMTREC)

NOTE: CHEMTREC telephone number is to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals. All non-emergency questions should be directed to customer service.

*** Section 2- Hazards Identification ***

Emergency Overview

This product is found in the form of tan paste. Dense, black smoke which is irritating to the eyes and respiratory system will form upon burning. Firefighters should wear full protective clothing and self contained breathing apparatus.

Potential Health Effects: Eyes

If product is heated, fumes may cause irritation to the eyes. Eye contact with dusts may cause irritation.

Potential Health Effects: Skin

Prolonged and/or repeated skin contact with this product may cause irritation. When it is heated, this material may cause thermal burns.

Potential Health Effects: Ingestion

Ingestion is unlikely. If ingested, may cause temporary irritation of the throat, stomach and gastrointestinal tract.

Potential Health Effects: Inhalation

Not expected to be an inhalation hazard under normal use conditions. Generation of dusts and particulates may cause mechanical respiratory tract irritation. Prolonged or repeated breathing of the thermal processing fumes or vapors of this material may cause respiratory tract irritation. Fumes released during thermal processing may include hydrogen chloride gas which may irritate respiratory system.

HMIS Ratings: Health: 1 Fire: 1 Reactivity: 0 Pers. Prot.: safety glasses/gloves

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

*** Section 3 - Composition / Information on Ingredients ***

CAS #	Component	Percent
1317-65-3	Calcium Carbonate	50-60
Not Available	Polyol	35-40
Not Available	Poly Butene	5-15
1305-78-8	Calcium Oxide	5-10

Component Information/Information on Non-Hazardous Components

This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

*** Section 4 - First Aid Measures ***

First Aid: Eyes

In case of contact with eyes, rinse immediately with plenty of water for 15 minutes and seek medical advice.

First Aid: Skin

For skin contact, wash with soap and water. If irritation develops, get medical attention.

First Aid: Ingestion

If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting unless instructed to do so by medical personnel.

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First Aid: Inhalation

If inhaled, remove immediately to fresh air. If symptoms develop or persist, seek immediate medical attention.

First Aid: Notes to Physician

Provide general supportive measures and treat symptomatically.

*** Section 5 - Fire Fighting Measures ***

Flash Point: >400 F

Upper Flammable Limit (UFL): Not determined

Auto Ignition: >450 deg F

Rate of Burning: Not determined

General Fire Hazards

Product is non-flammable; however, product may decompose when exposed to higher than normal temperatures. Heavy, dense, black smoke is emitted upon burning.

Hazardous Combustion Products

Upon decomposition, this product emits acid vapors, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Extinguishing Media

Use any media suitable for the surrounding fires.

Fire Fighting Equipment/Instructions

Firefighters should wear full protective gear. Firefighters should avoid inhaling any combustion products.

NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0 Other:

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

*** Section 6 - Accidental Release Measures ***

Containment Procedures

Contain the discharged material. Eliminate all sources of ignition or flammables that may come into contact with a spill of this material.

Clean-Up Procedures

Shovel the material into waste container. If it cannot be reused, place in covered container for disposal. Absorb spilled material with nonflammable inert absorbent.

Evacuation Procedures

Keep unnecessary personnel away.

Special Procedures

Avoid inhalation of fumes from molten product.

*** Section 7 - Handling and Storage ***

Handling Procedures

Avoid breathing fumes if this product is used at high temperatures. Use this product with adequate ventilation. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

Storage Procedures

Keep this material in a cool, well-ventilated place.

*** Section 8 - Exposure Controls / Personal Protection ***

Exposure Guidelines

A: General Product Information

Follow all applicable exposure limits.

B: Component Exposure Limits

Calcium Carbonate, (1317-65-3)

ACGIH: 10 mg/m³ TWA total particulate

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OSHA: 15 mg/m³ TWA total particulate
5 mg/m³ TWA respirable fraction
NIOSH: 10 mg/m³ TWA total particulate

Calcium Oxide, (1305-78-8)

ACGIH: 2 mg/m³ TWA respirable fraction
OSHA: 5 mg/m³ TWA respirable fraction
NIOSH: 2 mg/m³ TWA respirable fraction

Engineering Controls

Special care must be taken to avoid inhalation exposure when using this product at high temperatures.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

Wear safety glasses; chemical goggles for fumes which may arise from thermal processing.

Personal Protective Equipment: Skin

Wear impervious gloves for prolonged contact. The use of protective coveralls and long sleeved clothing is recommended for prolonged or repeated contact. Wash thoroughly after use.

Personal Protective Equipment: Respiratory

If ventilation is not sufficient to effectively remove and prevent buildup of dusts or processing fumes, appropriate NIOSH/MSHA approved respiratory protection must be provided.

Personal Protective Equipment: General

Use good industrial hygiene practices in handling this material.

*** Section 9 - Physical & Chemical Properties ***

Appearance:	Tan paste	Odor:	Characteristic
Physical State:	Semi-solid	pH:	Not available
Vapor Pressure:	Not available	Vapor Density:	Not available
Boiling Point:	491 F @ 5.0 mm Hg	Melting Point:	Not Applicable
Solubility (H₂O):	<1%	Specific Gravity:	0.98
Freezing Point:	Not available	Percent Volatile:	Zero
		Flash Point	>400° F

Physical Properties: Additional Information

None identified.

*** Section 10 - Chemical Stability & Reactivity Information ***

Chemical Stability

Stable under normal conditions.

Chemical Stability: Conditions to Avoid

Keep away from ignition sources and incompatible materials.

Incompatibility

This product may react with strong oxidizing agents.

Hazardous Decomposition

Upon decomposition, this product emits acid vapors, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Hazardous Polymerization

Hazardous polymerization will not occur.

*** Section 11 - Toxicological Information ***

Acute Toxicity

A: General Product Information

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No data available for product.

B: Component Analysis - LD50/LC50

No LD50/LC50's are available for this product's components.

Carcinogenicity

A: General Product Information

No carcinogenicity data available for this product.

B: Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

Epidemiology

No data available for this product.

Neurotoxicity

No data available for this product.

Mutagenicity

No data available for this product.

Teratogenicity

No data available for this product.

Other Toxicological Information

None available.

***** Section 12 - Ecological Information *****

Ecotoxicity

A: General Product Information

No data available for this product.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

No ecotoxicity data are available for this product's components.

Environmental Fate

No data available for this product.

***** Section 13 - Disposal Considerations *****

US EPA Waste Number & Descriptions

A: General Product Information

Wastes should be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of a hazardous waste.

B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

***** Section 14 - Transportation Information *****

US DOT Information

Shipping Name: Not regulated

Hazard Class: Not classified

UN/NA #: Not classified

Packing Group: Not classified

Required Label(s): None

Additional Info.: None

International Transportation Regulations

Not regulated as dangerous goods.

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*** Section 15 - Regulatory Information ***

US Federal Regulations

A: General Product Information

No additional information.

B: Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

State Regulations

A: General Product Information

No additional information.

B: Component Analysis – State

Component	CAS #	CA	FL	MA	MN	NJ	PA	DE
Calcium Carbonate	1317-65-3	No	No	Yes	Yes	No	No	No
Calcium Oxide	1305-78-8	No	No	Yes	Yes	No	No	No

Other Regulations

A: General Product Information

No information available for the product.

B: Component Analysis – Inventory

The following components are identified on various country inventories

Component	CAS #	TSCA	DSL/NDSL	EINECS
Calcium Carbonate	1317-65-3	Yes	No	Yes
Calcium Oxide	1305-78-8	Yes	Yes	Yes

C: Component analysis - WHMIS IDL

The following components are identified under the Canadian Hazardous Products Act Ingredients Disclosure List:

Component	CAS #	
Calcium Carbonate	1317-65-3	Not listed
Calcium Oxide	1305-78-8	1% English Item 304; French Item 1303

*** Section 16 - Other Information ***

Date of Previous MSDS: April 4, 2007

Changes Since Previous MSDS: Section 1 – Product name change and company address change.

Key/Legend

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration; NFPA = National Fire Protection Association; HMIS = Hazardous Material Identification System; CERCLA = Comprehensive Environmental Response, Compensation and Liability Act; SARA = Superfund Amendments and Reauthorization Act

*** Disclaimer ***

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