

# Material Safety Data Sheet

Material Name: GenFlex Plastic Insulation Plates

GFRS 804

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

**Chemical Description:** GenFlex Plastic Insulation Plates

**Product Use:** Building material

**Manufacturer Information**

GenFlex Roofing Systems

1722 Indian Wood Circle

Suite A

Maumee, OH 43537

Phone: 800-443-4272

Emergency # 1-800-424-9300 (CHEMTREC)

**General Comments**

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**

Product is in the form of a various plastic shapes and colors. Under normal conditions of handling, this product is not considered hazardous. Contact with the molten material may cause thermal burns.

**Potential Health Effects: Eyes**

Under normal conditions of use, this product is not expected to be an eye irritant. Contact with molten material may cause thermal burns.

**Potential Health Effects: Skin**

Under normal condition of use, this product is not expected to be a skin irritant. Contact with molten material may cause thermal burns.

**Potential Health Effects: Ingestion**

Not expected to be an ingestion hazard.

**Potential Health Effects: Inhalation**

During the normal use of this product there is expected to be no inhalation hazard.

**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 \*\*\*

**Component Information/Information on Non-Hazardous Components**

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

This product has been determined to be an "article", meeting the criteria established in 29CFR 1910.1200(b)(6)(v) and does not pose a physical and/or health hazard risk under normal conditions of use.

## \*\*\* Section 4 - First Aid Measures \*\*\*

**First Aid: Eyes**

For contact with molten product, Flush the eyes immediately with large amounts of cold water. Immediately seek medical attention or contact a physician.

**First Aid: Skin**

For contact with molten product, Flush the skin immediately with large amounts of cold water. Immediately seek medical attention or contact a physician.

**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.

**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.

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## \*\*\* Section 5 - Fire Fighting Measures \*\*\*

**Flash Point:** >329°C (625°F)

**Upper Flammable Limit (UFL):** Not applicable

**Auto Ignition:** 357°C (675°F)

**Rate of Burning:** Not applicable

**General Fire Hazards**

Not considered to be a fire hazard.

**Hazardous Combustion Products**

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

**Extinguishing Media**

Dry chemical, foam, carbon dioxide, water fog.

**Fire Fighting Equipment/Instructions**

Firefighters should wear full protective clothing including self-contained breathing apparatus.

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

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

## \*\*\* Section 6 - Accidental Release Measures \*\*\*

**Containment Procedures**

Due to the physical nature of this material, containment is not necessary.

**Clean-Up Procedures**

Pick up large pieces.

**Evacuation Procedures**

Evacuation should not be necessary.

## \*\*\* Section 7 - Handling and Storage \*\*\*

**Handling Procedures**

Keep this product from heat, sparks, or open flame.

**Storage Procedures**

Store in sprinklered warehouse. Keep temperature below 60°C (140°F).

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

**Exposure Guidelines**

**A: General Product Information**

No exposure limits established for the product.

**B: Component Exposure Limits**

This material has no components listed.

**Engineering Controls**

Ventilation is not normally required.

**PERSONAL PROTECTIVE EQUIPMENT**

**Personal Protective Equipment: Eyes/Face**

Wear safety glasses.

**Personal Protective Equipment: Skin**

The use of leather gloves is recommended.

**Personal Protective Equipment: Respiratory**

Respiratory protection; not normally required for ambient air concentrations not exceeding the Occupational Exposure Limit.

**Personal Protective Equipment: General**

Use good industrial hygiene practices in handling this material.

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

<b>Appearance:</b>	Various shapes, designs and colors	<b>Odor:</b>	Not available
<b>Physical State:</b>	Solid	<b>pH:</b>	Not applicable
<b>Vapor Pressure:</b>	Not applicable	<b>Vapor Density:</b>	Not applicable
<b>Boiling Point:</b>	Not applicable	<b>Melting Point:</b>	>149°C (300°C)
<b>Solubility (H2O):</b>	Insoluble	<b>Specific Gravity:</b>	0.88-1.0
<b>Freezing Point:</b>	Not applicable	<b>Flash Point:</b>	>625° F (329° C)

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

### Chemical Stability

Stable.

### Chemical Stability: Conditions to Avoid

Avoid heat, sparks, and open flame.

### Incompatibility

This product may react with strong oxidizing agents. This product may react with strong acids. This product may react with strong alkalies.

### Hazardous Decomposition

Upon decomposition, this product emits 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

No data available for product.

#### B: Component Analysis - LD50/LC50

This material has no components listed.

### Carcinogenicity

#### A: General Product Information

No carcinogenicity data available for this product.

#### B: Component Carcinogenicity

This material has no components listed.

### 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.

### Environmental Fate

No data available for this product.

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## \*\*\* Section 13 - Disposal Considerations \*\*\*

### US EPA Waste Number & Descriptions

#### A: General Product Information

Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA.

#### B: Component Waste Numbers

This material has no components listed.

### 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:** None

**UN/NA #:** None

**Packing Group:** None

**Required Label(s):** None

**Additional Info.:** None

### International Transportation Regulations

Not regulated as dangerous goods.

## \*\*\* Section 15 - Regulatory Information \*\*\*

### US Federal Regulations

#### A: General Product Information

No additional information.

#### B: Component Analysis

This material has no components listed.

### State Regulations

#### A: General Product Information

Other state regulations may apply. Check individual state requirements.

#### B: Component Analysis - State

This material has no components listed.

### Other Regulations

#### A: General Product Information

No additional information.

#### B: Component Analysis - WHMIS IDL

This material has no components listed.

## \*\*\* Section 16 - Other Information \*\*\*

### Other Information

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use.

### 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

**Contact:** GenFlex Roofing, R&D Dept

**Contact Phone:** (800) 443-4272

This is the end of MSDS