

GenFlex Roofing Systems, LLC

Material Safety Data Sheet

December 31, 2010

Page: 1

SECTION 1: PRODUCT IDENTIFICATION

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| Product Name: | GenFlex Polyiso Insulation |
| Chemical Name / Synonym: | GenFlex Flat Polyiso Insulation, GenFlex Tapered Polyiso Insulation |
| Chemical Family: | Polyisocyanurate |
| 24-Hour Emergency Phone: | (800) 424-9300 CHEMTREC |
| Manufacturer's Name: | GenFlex Roofing Systems, LLC |
| Manufacturer's Address: | 250 West 96 th Street, Indianapolis, IN 46260 |
| NFPA Hazard Rating: | Health 1, Flammability 1, Reactivity 0 |
| HMIS Hazard Rating: | Health 1, Flammability 1, Reactivity 0 |

SECTION 2: CHEMICAL COMPOSITION

| Chemical Name: | Common Name: | CAS #: | % (by wt) | Exposure Limits: |
|---------------------------------------|--------------|------------|-----------|---|
| n-Pentane | n-Pentane | 109-66-0 | 0.05-5.5 | TLV 600 ppm PEL 1000 ppm |
| Ethyldimethylmethane | Isopentane | 78-78-4 | 4.5-9.9 | TLV 600 ppm PEL 1000 ppm |
| Tris (monochloropropyl) Phosphate | None | 13674-84-5 | <5 | None Established |
| Fibrous Glass | Fiberglass | None | <11 | TLV 1 f/cc TLV 5 mg/m ³ (inhalable) |
| Nonhazardous as per 29 CFR 1910.1200. | None | None | >71 | None Established |

SECTION 3: HAZARD IDENTIFICATION

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| Primary Route of Exposure: | Inhalation |
| Signs and Symptoms of Exposure: | May cause irritation to the eyes, skin and respiratory tract. Inhalation of high vapor concentrations of pentanes used in this product may cause dizziness, headaches, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death. |
| Medical Conditions Aggravated by Exposure: | The dust produced by reprocessing of this product may aggravate pre-existing respiratory diseases. |
| Chronic Effects: | This product contains tris(monochloropropyl) phosphate, which may cause skin sensitization. |
| Carcinogenicity: | Direct implantation of glass fibers into the lung tissue of laboratory animals has produced lung fibrosis and lung cancer. Human epidemiological studies of inhalation exposure have yielded negative results. Continuous filament glass fibers is listed by IARC as a class 3, <i>unclassifiable as to carcinogenicity in humans</i> . |

SECTION 4: FIRST AID MEASURES

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| First Aid Procedures: | For eyes, hold eyelids open and wash with gentle stream of water for at least 15 minutes preferably at eyewash fountain. For skin contact, wash affected area thoroughly with soap and |
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GenFlex Roofing Systems, LLC

Material Safety Data Sheet

December 31, 2010

Page: 2

water when time permits. For inhalation, remove to fresh uncontaminated air.

SECTION 5: FIRE FIGHTING PROCEDURES

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| Suitable Extinguishing Media: | Water spray, Alcohol foam, Carbon Dioxide, or Dry chemical. |
| Hazardous Combustion Products: | Carbon dioxide and carbon monoxide, phosphorus oxides, and phosphoric acid. |
| Recommended Fire Fighting Procedures: | Wear impermeable protective clothing and self-contained breathing apparatus. Toxic fumes and vapors may be evolved. |
| Unusual Fire and Explosion Hazards: | Emits dense, black smoke when burned. Certain operations such as grinding or cutting may lead to a buildup of dust suspended in air which can cause a dust explosion if ignited. Provide adequate ventilation and appropriate dust handling systems. Isopentane and n-pentane, highly flammable materials, may be present within this product. |

SECTION 6: PRECAUTIONS FOR SAFE HANDLING AND USE

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| Steps to Be Taken in Case Material is Released or Spilled: | None required |
| Precautions to Be Taken in Handling and Storing: | Keep away from heat, sparks, and open flames. Store in a cool, dry area. Applying to hot surfaces requires special precautions. Protect against dust that may be generated by reprocessing, altering or applying this product. Remove dust by vacuuming rather than blowing. |

SECTION 7: EXPOSURE CONTROLS / PERSONAL PROTECTION

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| Ventilation: | Use in a well-ventilated location. |
| Respiratory Protection: | During reprocessing, altering, and/or applying this product, a NIOSH respirator may be required based upon the end user's airborne concentration evaluation. |
| Eye Protection: | Wear safety glasses with side shields when reprocessing, altering and/or applying this product. |
| Skin Protection: | Wear cotton or leather gloves when handling this product. |
| Other: | None required. |
| Work / Hygienic Practices: | Wash exposed skin prior to eating, drinking or smoking and at the end of each shift. Wash contaminated clothing prior to reuse. |

SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES

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|-------------------------|---------------------------------------|------------------------|---------|
| Appearance and Odor: | White rigid cellular sheets/odorless. | | |
| Flash Point: | Not Applicable | Lower Explosive Limit: | None |
| Method Used: | Not Applicable | Upper Explosive Limit: | None |
| Evaporation Rate: | Not Applicable | Boiling Point: | None |
| pH (undiluted product): | Not Applicable | Melting Point: | Unknown |
| Solubility in Water: | Insoluble | Specific Gravity: | Unknown |
| Vapor Density: | Not Applicable | Percent Volatile: | Unknown |
| Vapor Pressure: | Not Applicable | | |

GenFlex Roofing Systems, LLC

Material Safety Data Sheet

December 31, 2010

Page: 3

SECTION 9: STABILITY AND REACTIVITY

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|---------------------------|-----------------|
| Thermal Stability: | Stable |
| Hazardous Polymerization: | Will not occur. |
| Conditions to Avoid: | None known. |

SECTION 10: TRANSPORTATION

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| Regulatory Agency: | Not Regulated |
| Proper Shipping Name: | Not Applicable |
| Hazard Classification: | Not Applicable |
| Identification Number: | Not Applicable |
| Labels Required: | Not Applicable |
| Other Requirements: | Not Applicable |

SECTION 11: MISCELLANEOUS INFORMATION

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| Additional Comments: | Physiological effects given in Section 3 are for dust and fume that may be generated during the reprocessing, altering or application of this product. Facers of this product may be foil, kraft paper, fiberglass, perlite, wood, black felt, or a combination of these. |
| Date of Previous MSDS: | January 18, 2008 |
| Changes Since Previous MSDS: | Formatting |
| Telephone Number for Additional Information: | (317) 575-7190 |

DISCLAIMER

The information contained herein is based on data considered accurate which has been obtained from other companies and organizations. However, no warranty or representation is expressed or implied that the information, is accurate, complete or representative. GenFlex Roofing Systems, LLC, a subsidiary of Firestone Diversified Products, LLC, assumes no responsibility for injury to the buyer, the buyer's employees, or any third persons, if reasonable safety procedures are not followed. Additionally, GenFlex Roofing Systems, LLC assumes no responsibility for injury to buyer, the buyer's employees, or any third persons caused by abnormal use of this material, even if reasonable safety procedures are followed.