

Section 1: Product Identification and Emergency Information

Product Description:

Foamed, colored polyolefin material reinforced & semi-reinforced extruded products

Chemical Description:

HDPE (High Density Polyethylene) with (less than 4%) colorant and foaming agents

Supplier:

Tangent

MSDS Number:

None

Address:

1001 Sullivan Rd
Aurora, IL 60506

CAS Number:**Phone Number:**

(630) 264-1110 Tangent
(800) 424-9300 Chemtreo

Date Revised:

08/27/14

Section 2: Material Identification and Information

Non-Hazardous Ingredients:

HDPE (High Density Polyethylene) with (less than 4%) colorant and foaming agents

Hazardous Ingredients:

30% of overall total weight is fibrous glass with < 2.5% of organic surface binder. Note: Fiberglass may cause mechanical irritation to the skin, eye and upper respiratory tract.

Section 3: Physical and Chemical Characteristics

Appearance:

Non-Translucent, Colored Extruded product

Odor:

Slight

Boiling Point:

N/A

Melting Point:

250°F 121°C

Vapor Pressure (mm HG):

N/A

Specific Gravity (H₂O = 1), (g/cc):

0.65 - 0.88

Solubility in Water:

Negligible

Evaporative Rate:

Negligible

Vapor Density (air = 1):

N/A

Evaporation Point:

N/A

Section 4: Fire and Explosion Hazard Data

Flash Point:

645°F 340°C

Fiberglass component will not support combustion

Auto-Ignition Temperature:

645°F 340°C

Flammable Limits (LEL):

N/A

Flammable Limits (UEL):

N/A

Extinguishing Media:

Carbon dioxide, foam, dry chemical and water spray

Special Fire Fighting Instructions:

Use self-contained breathing apparatus. Use standard chemical fire fighting procedures.

Unusual Fire and Explosion Hazards:

Exposure to fire can generate toxic fumes. High dust levels may create potential for explosion.

NFPA Hazard ID:

Health: 1, Flammability: 1, Reactivity: 0

Section 5: Reactivity Hazard Data

Stability:
Stable

Conditions to Avoid:
Extreme Heat

Incompatibility (Materials to Avoid):
Strong Oxidizers

Hazardous Decomposition Products:
Carbon Monoxide, Aldehydes, Acetic Acid

Section 6: Health Hazard Data

Primary Routes of Entry:
Inhalation or ingestion of dust

Health Hazards:
Dust may cause irritation of the mouth, nose, throat, and eyes

Medical Conditions Aggravated by Exposure:
Some long-term breathing conditions can be aggravated by exposed to dust from this product

Emergency First Aid Procedures:
Seek medical assistance for further treatment, observation, and support if necessary

Eye Contact:
Do not rub eyes. Remove contact lenses. Pour gentle stream of warm water through affected area. Contact physician if further treatment is necessary.

Skin Contact:
Run a gentle stream of water over irritated area for 15 minutes. Mild soap may be used. Contact physician if further treatment is necessary.

Inhalation:
Move person to fresh air, seek medical attention

Ingestion:
Seek medical attention

Section 7: Precautions for Safe Handling and Use

In case of spills or accidental release:
Waste material must be disposed of in accordance with applicable federal, state, and local environmental control regulations. Use vacuuming or wet sweeping methods instead of dry sweeping.

Waste Disposal Methods:
Material should be disposed of through an approved waste management facility.

Precautions to be taken in handling and storage:
Store at less than 120°F 49°C

Other Precautions and/or Special Hazards:
Store away from heat or open flame. Store away from strong oxidants or alkalis. Store flat and supported across entire span. Use gloves to protect against physical irritation or injury if required by handling and fabricating conditions. Use standard safety glasses with side shields when handling or fabrication the product. Application of this product generates dust, use an appropriate NIOSH-approved particulate filter respirator.

Section 8: Control and Protective Measures

Respiratory Protection:
None, unless machining material. A properly fitting NIOSH approved dust mask must be worn when machining this material

Ventilation:
Machine this product only in well ventilated area, dust collection systems are recommended

Protective Gloves:
Use gloves to protect against physical irritation or injury if required by handling and fabricating conditions

Eye Protection:
Wear safety glasses with side shields when nailing, cutting, or machining this product

Other Protective Clothing and Equipment:
Wear clean body covering clothing

Hygienic Work Practices:
Wash hands before eating, drinks, or smoking

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