



2022
MATERIAL SAFETY DATA SHEET
RAILING PLUGS AND CAPS

Reviewed: November 18, 2021

1 IDENTIFICATION**Product Identification:** Railing plugs and caps**USE:** Typical uses of plugs and caps are to fill a void and to keep water out**Manufacturer:** Fortress Building Products1720 N. 1st St.
Garland, TX 75040

Tel: 972.231.4001

Emergency Info: (USA Only) 866.323.4766customercare@fortressbp.com**2 HAZARDOUS IDENTIFICATIONS****OSHA Classification:** Non-Hazardous**Signal Words:** None**Hazard Statement:** None**Hazard Pictograms:** None**Risk Phrases:** None**Classification of the Substance or Mixture:**

This product is not classified according to OSHA Hazard Communication Standard (29 CFR 1910.1200)

Information Concerning Particular Hazard for Human and Environment:

This product is not labeled according to OSHA Hazard Communication Standard (29 CFR 1910.1200)

Classification System:

This classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200), extended by company and literature data

3 COMPOSITION		
CAS NUMBER	NAME	PERCENTAGE
32131-17-2	Poly hexamethylenediamine Adipamide	≥83%
65997-17-3	Glass fiber filament	12-17%

4 FIRST AID	
General First Aid:	No special measurements required
After Inhalation:	Supply Fresh Air; consult doctor in case of discomfort
After Skin Contact:	No health risk at room temperature If molten material comes in contact with skin, cool under running water Do not attempt to remove from skin, Seek medical attention immediately
After Eye Contact:	Rinse open eye for several minutes under running water
After Swallowing:	Rinse mouth with plenty of water Do not induce vomiting Seek medical attention
Most Important Symptoms/Effects, Acute or Delayed:	No relevant information

5 FIRE FIGHTING MEASURES	
Suitable Extinguishing Agents:	Water, foam, dry powder, CO ₂ Follow usual chemical fire procedures
Specific hazards:	Polyamide will burn if exposed to flame Molten polymer generates small amounts of volatile degradation products
Special Protective Equipment for Fire fighters:	Full face, self-contained breathing apparatus and protective clothing.

6 ACCIDENTAL RELEASE MEASURES	
Methods for Clean up:	Pick up mechanically Sweep if ground to dust
Environmental precautions:	Keep away from drainage systems, surface water, and underground water Sweep up dust and dispose of
Personal Precautions:	None if room temperature If molten, let cool

7 HANDLING AND STORAGE

Precautions for Safe Handling: Washing hands after handling recommended
 Follow general hygiene practices
 Keep away from ignition sources

Conditions for safe storage: None

8 EXPOSURE CONTROLS/ PERSONAL PROTECTION**Exposure Limits:**

Particles:

ACGIH TLV= 10 mg/m³,

OSHA PEL= 15 mg/m³Total,

5 mg/m³Respirable

Appropriate Engineering Controls: None

Personal Precautions: Use gloves and safety glasses with side shields especially if creating dust

Protection Equipment Specification: Leather or cotton gloves should be worn
 Leather if molten

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form:	Solid
Color:	Varies
Odor:	None
Odor Threshold:	Not Applicable
pH:	Not Applicable
Melting Point:	Not Applicable
Freezing Point:	Not Applicable
Boiling Point:	Not Applicable
Flash Point:	>752°F (ASTM-D-1929)
Evaporation Rate:	Not Applicable
Flammability:	Not Applicable
Upper Limit:	Not Applicable
Lower Limit:	Not Applicable
Vapor Pressure:	Not Applicable
Vapor Density:	Not Applicable
Relative Density:	.043 lb/in ³ , [1.2 g/cm ³]
Solubility:	Not Applicable
Partition Coefficient:	Not Applicable
Auto-Ignition Temp:	Not Applicable
Decompression Temp:	644 °F
Melting Point:	482-509 °F
Viscosity:	Not Applicable

10	STABILITY AND REACTIVITY
Reactivity:	Not applicable
Chemical Stability:	Not applicable
Possibility of Hazardous Reaction:	Not applicable
Conditions to Avoid:	Avoid overheating (644°F/340° C)
Incompatible Materials:	Strong acids, strong bases, and strong oxidizers
Hazardous Decomposition Products:	Not applicable
Thermal Degradation and Combustion Byproducts:	At temperatures above 644 °F/340 °C, heavy fuming of CO, CO ₂ , NO _x , aldehydes, ammonia, cyclopentanone and traces of hydrogen cyanide will occur

11	TOXICOLOGICAL INFORMATION
Acute Toxicity:	Not determined
Skin Corrosion/Irritation:	Non-irritating
Serious eye damage/ irritation:	Particles can irritate eyes
Respiratory or skin sensitization:	Non-Sensitizing to skin, no respiratory sensitization determined
Toxicology Information:	See section 8, exposure limits

12	ECOLOGICAL INFORMATION
Ecotoxicology:	No available data
Persistence and Degradability:	High persistence and low degradability
Bioaccumulative Potential:	No available data
Mobility:	Not water soluble at room temperature Decomposition products water soluble and mobile
Other Adverse Effects:	No available data

13 DISPOSAL CONSIDERATIONS

Disposal: Recycle when possible. Follow local regulations

Container Cleaning and Disposal: Dispose of according to official regulations

14 TRANSPORTATION INFORMATION

UN Number (DOT, IMDG, IATA): Not regulated

UN Proper Shipping Name (DOT, IMDG, IATA): Not regulated

Transport Hazard Class (DOT, IMDG, IATA): Not regulated, labels not required on outside shipping container for these products and all products may be shipped through U.S. Postal Services

Packaging Group (DOT, IMDG, IATA): Not regulated

Environmental Hazards, Marine pollutants: Not regulated

Special Precautions: None

15 REGULATORY INFORMATION

Section 302, 304: Not applicable

Section 313: Not applicable

16 OTHER INFORMATION

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Revision History:

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