



Evansville, IN 47711  
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### MATERIAL SAFETY DATA SHEET

MSDS Number: PA0213 Effective Date: 2/1/2006

Product Name: PA6 GRXX, PA6/6 GRXX, PA6 U GRXX, PA6/6 U GRXX, ALL COLORS Page 4 of 4

#### Section VIII - Control Measures

- Control/Respiratory Protection: For fumes, use approved respirator for organic vapors and acid gases. For secondary operation dust, use approved dust respirator.
- Control/Ventilation: Use only with adequate ventilation and dust containment.
- Control/Gloves: Use gloves when polymer is hot to minimize skin contact.
- Control/Eye Protection: Wear appropriate eye protection. Take special precaution when in molten state.
- Control/Other Clothing: Wear long sleeved shirts and pants to minimize skin contact.
- Control/Work-Hygiene: Observe proper industrial hygiene practices according to regulations.

#### Section IX - Other Regulatory Information

None



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### Section VI - Health Hazard Data

- Health Hazard/Inhalation:** Should be avoided by wearing approved dust mask. Inhalation of any nuisance dust may cause respiratory irritation.
- Health Hazard/Skin:** Skin contact with the pellets as received does not present any known health hazard. Hot molten polymer will cause severe thermal burns.
- Health Hazard/Ingestion:** Not a probable route of exposure.
- Health Hazard/Eye:** Contact with the pellets as received does not present any known health hazard. Contact may create irritation.
- Emergency First Aid/Inhalation:** Remove to uncontaminated area. If not breathing, administer artificial respiration. If breathing is difficult, seek medical attention.
- Emergency First Aid/Skin:** If molten polymer contacts the skin, cool rapidly with cold water. Do not attempt to peel polymer from skin. Obtain medical attention for thermal burn.
- Emergency First Aid/Ingestion:** If swallowed, administer at least 3-4 glasses of water but do not induce vomiting or give water to unconscious or convulsing person. Seek medical attention.
- Emergency First Aid/Eye:** Flush with water for at least fifteen minutes.

### Section VII - Precautions For Safe Handling & Use

- Handling/Spillage:** Sweep up and remove to disposal container to prevent slipping hazard.
- Handling/Waste Disposal:** Landfill or incinerate in accordance with local, state, and federal laws.
- Handling/Storage:** Store in cool dry place. Keep containers closed to prevent contamination.
- Handling/Other Precautions:** In accordance with good manufacturing practices, good general ventilation of the polymer in the processing area is recommended.



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### Section IV - Fire And Explosion Hazard Data

Flash Point: NA  
 Lower Explosive Limit: NA  
 Upper Explosive Limit: NA  
 Extinguishing Media: Carbon Dioxide, Water, Dry Chemicals  
 Special Firefighting Proc: Wear NIOSH/MSHA approved SCBA and full protective gear  
 Unusual Fire & Explosive Hazards: None

### Section V - Reactivity Data

Stability: Yes  
 Conditions to Avoid (Stability): Avoid exposure to heat, spark, or open flame.  
 Materials to avoid: Strong acids and oxidizing agents  
 Hazardous Decomposition Products: Thermal decomposition yields a large variety of organic and inorganic products, depending on product grade, temperature, and other immediate environmental factors.  
 Hazardous Polymerization Occur: No  
 Conditions to avoid (Poly): Not relevant



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### Section I – Product Information

Product Description: Fiberglass filled thermoplastic compound  
Chemical Name/Family: Polyamide (Nylon)  
Version Number: 01  
Revision Date: 2/1/2006

### Section II – Hazardous Ingredients/Identify Information

None

### Section III – Physical/Chemical Characteristics

Boiling Point: NA  
Vapor Pressure: NA  
Vapor Density: NA  
Evaporation Rate: NA  
Solubility in Water: Insoluble  
Appearance And Odor: Colored plastic pellets, no significant odor