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Alloys
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MATERIAL SAFETY DATA SHEET

Sterngold Part Number: 811155, 811016, 811350, 811038

Sterngold Description: ERA nylon blue males

Supplier Number: 5102

Supplier Description: Light Blue Nylon Compound

Supplier MSDS Identification: n/a

1/24/12

Date Updated:

Section 1: Product and Company Identification



Compounding Solutions, LLC.
258 Goddard Rd.
Lewiston, ME 04240
207-777-1122
207-777-1566

Product Name: Lt Blue Nylon Compound
Product Code: 5102
Chemical Name: Polyhexamethylene Adipamide
Chemical Family: Polymeric
Prepared By: R. Johnson

Section 2: Composition/Information on Ingredients

Ingredient	CAS No.	SARA 313
Polyhexamethylene Adipamide	32131-17-2	no
Pigments and Additives	N/A	no

Section 3: Hazards Identification

None known

Section 4: First Aid Measures

Eyes: Fines may cause mechanical irritation
Skin: No known health hazards
Ingestion: No known health hazards
Inhalation: Remove to fresh air. If coughing persists, seek medical attention

Section 5: Fire-Fighting Measures

Extinguishing Media: Water Spray, Foam, Carbon Dioxide, or Dry Chemical
Special Fire Fighting Procedures: Wear full gear with SCBA. Products of combustion may be toxic
Fire and Explosion Hazards: Dust fines may explode. Products of combustion may be toxic.
Hazardous Decomposition Products: Aldehydes and other toxics are likely products of combustion

Section 6: Accidental Release Measures

Sweep up resin spills. Molten polymer may cause severe burns. Allow polymer to cool before disposal

Section 7: Handling and Storage

No special storage requirements are necessary. Avoid dust accumulations as dust fines may be explosive.

Section 8: Exposure Controls and Personal Protective Equipment

Control: Respiratory Protection In dusty conditions use a NIOSH approved dust mask or respirator
Control: Ventilation Use local ventilation during hot processing
Control: Eye Protection Use safety glasses when working with this material
Control: Other PPE's Wear heat resistant clothing, gloves and footwear when working with hot molten material

Section 9: Physical and Chemical Properties

Physical State / Appearance:	Solid Plastic Pellet
Odor:	None to Slightly Parafinic
Melting Point	>200 F
Specific Gravity	Close to 1
Solubility in Water	not soluble
Molecular Weight	>10,000

Section 10: Stability and Reactivity

Stability:	Chemically Stable Solid
Conditions to avoid:	Avoid heating to temperatures exceeding 650 F
Incompatibility:	Avoid contact with strong oxidizers
Hazardous Decomposition Products	Combustion may produce toxic gas
Hazardous Polymerization:	Will not occur

Section 11. Toxicological Information

This material has not been tested

Section 12. Ecological Information

There have been no known studies on ecological impacts of this material

Section 13. Disposal Considerations

Dispose of according to Federal, State and Local Law. Treat as a non-hazardous waste

Section 14. Transportation Information

Shipping descriptions may vary based on mode of transportation, origin, destination, and quantity of goods being shipped

USDOT	Class not regulated
SEA -IMDG (International Maritime Dangerous Goods)	Class not regulated
AIR - ICAO (International Civil Aviation Organization)	Class not Regulated

Section 15: Regulatory Information

U.S. Federal Regulations:

TSCA	N/A
CERCLA	N/A
SARA TITLE III	N/A
311/312 Hazards	N/A
313 Reportable Ingredients	See Section 2

Section 16 Other Information

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