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SAFETY DATA SHEET

Product : **Robco Nytralon GS**
Date Prepared : May 31th, 2017

Section 1 - Product and Company Identification

Product Name/Identifier: Robco Nytralon GS
Other name / Synonym :
Company Information : Robco Inc.
Address : 7200 St.Patrick, LaSalle QC Canada H8N 2W7
Telephone : 514-367-2252
Email : info@robco.com
Website : www.robco.com

Section 2 - Hazards identification

GHS – Classifications

Classification: None
Signal Word: None
Pictograms and Symbols: None
Hazard Statements: None
Precautionary Statements: None

Section 3 - Composition/information on ingredients

This is a polymeric material. All constituents are encapsulated within the polymer system and therefore present no likelihood of exposure under normal conditions of processing and handling.

Section 4 - First aid measures

Eyes:

Flush with plenty of water for at least 15 minutes. Seek medical attention if irritation continues.

Skin:

No health risks concerning skin contact at room temperature. Wash with soap and water. If molten material comes in contact with the skin, cool under running water. Do not attempt to remove the molten material from the skin. Get medical attention immediately.

Inhalation:

If fumes from overheating are inhaled, remove to fresh air. Seek medical attention if respiratory symptoms occur or breathing becomes difficult.

Ingestion:

Rinse the victim's mouth with plenty of water. Do not induce vomiting. Seek medical attention.

Section 5 - Firefighting measures

Fire-fighters should protect themselves from decomposition and combustion products by using a full-face self-contained breathing apparatus and impervious protective clothing. Extinguish fires with water, foam, carbon dioxide or dry chemical media.

Hazardous gases/vapors produced in fire are:

ammonia, carbon monoxide; small amounts of hydrogen cyanide and aldehydes.



Engineered Solutions since 1911

SAFETY DATA SHEET

Dust is flammable and explosive when finely divided and suspended in air.

Section 6 - Accidental release measures

If a spill occurs, stop the leak at the source and sweep up for disposal. Do not flush to sewers or waterways.

Section 7 - Handling and storage

Precautions for Safe Handling

Personal hygiene such as washing the hands and face immediately after working with this material and before eating is recommended.

Dust may form explosive mixtures with air. Avoid dust formation and control ignition sources. Polyolefin dust particles suspended in air are combustible and may be explosive. Keep away from heat, sparks, flame, and other ignition sources. Prevent dust accumulations and dust clouds. Employ ground, bonding, venting, and explosive relief provisions in accordance with accepted engineering practices and NFPA provisions in any process capable of generating dust and/or static electricity. Explosion hazards apply only to dusts, not granular forms of this product.

The handling of powder in both loading and unloading operations, as well as fabrication, may cause dust to be formed and necessary precautions for personal protection should be used. As with all finely divided materials precautions should be taken to avoid inhalation and eye contact.

If in dust form, transfer from storage with a minimum amount of dusting. Ground all transfer, blending, and dust collecting equipment to prevent static sparks in accordance with NFPA 70 "National Electric Code." Review and comply with all relevant NFPA provisions, including but not limited to NFPA 484 and NFPA 654 related to combustible dust hazards. Remove all ignition sources from material handling, transfer, and processing areas where dust may be present. Local exhaust ventilation should be provided in work area.

Precautions for Safe Storage

Store in a sprinkler protected warehouse. Since products are nylon they will burn with a hot flame if ignited. Avoid contact with ignition sources such as open flames. Keep a fire extinguisher near if welding is done in the area of nylon products. If a heat source is present, keep the area well ventilated.

Section 8 - Exposure controls/personal protection

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH REL
Particulates	10 mg/m ³	15 mg/m ³ – Total 5 mg/m ³ – Respirable	Not Determined

Engineering Measures:

Provide local exhaust ventilation to keep airborne particulate concentrations below 15 mg/m³, the OSHA limit for nuisance dusts.



Engineered Solutions since 1911

SAFETY DATA SHEET

Personal Protective Equipment: Eyes/Face

Safety glasses with side shields.

Personal Protective Equipment: Skin

When handling molten material, protective clothing such as long sleeves or laboratory coat should be worn. Use heat-resistant gloves, boots and face protection.

Personal Protective Equipment: Respiratory

If levels are above published OELs, then a NIOSH approved respirator.

Good industrial hygiene practice should be followed which includes preventing eye contact, minimizing skin contact and minimizing inhalation of dust, vapors or mist.

Section 9 - Physical and chemical properties

Appearance (physical state, color, etc.)	Solid in rod, plate or tube form
Odor	No odor
Odor Threshold	No information available
pH	No information available
Flash Point	>400°C / 752°F
Upper/Lower Flammability	Combustible
Vapor Pressure	No information available
Vapor Density	No information available
Specific Gravity	1.13-1.15
Water Solubility	Insoluble
Auto-ignition Temperature	No information available
Melting Point/Freezing Point	215°C
Auto ignition Point	No information available
Partition Coefficient: n-octanol/water	No information available
Explosion Data	No information available
Decomposition Temperature	>350°C
VOC Content (%)	<1
Viscosity	No information available

Section 10 - Stability and reactivity

Reactivity: None known

Chemical Stability:

Material is stable under normal industrial conditions and is not susceptible to hazardous polymerization.

Conditions to Avoid:

Heating above 572°F. Incompatible materials

Incompatibility:

Strong acids, and oxidizers



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SAFETY DATA SHEET

Hazardous Decomposition Products:

At temperatures above $>350^{\circ}\text{C}$, heavy fuming of CO, Hydrogen Cyanide, Nitrogen gasses will occur.

Section 11 - Toxicological Information

Signs and Symptoms of Overexposure:

Eye irritation signs and symptoms may include a burning sensation, redness, swelling, and/or blurred vision. Skin irritation signs and symptoms may include a burning sensation, redness and swelling. Respiratory irritation signs and symptoms may include a temporary burning sensation of the nose and throat, coughing, and/or difficulty breathing.

Aggravated Medical: None.

Acute Effects: Non-toxic.

Skin Corrosion/Irritation: Not irritating to the skin.

Serious Eye Damage/Irritation: Particulates can be mechanically irritating to the eyes.

Ingestion: None.

Inhalation: Inhalation of particulates may produce respiratory tract irritation.

Respiratory or Skin Sensitization: Not expected to be a sensitizer.

Chronic Effects:

Germ Cell Mutagenicity: Not expected to be a germ cell mutagen.

Carcinogenicity: Not classifiable as carcinogen to humans (group 3 IARC).

Reproductive Toxicity: There aren't known reproductive toxicity effects.

STOT-single Exposure: At dust form, may cause respiratory irritation with cough and sneezing.

STOT –multiple Exposure: There aren't known repeated exposure effects.

Aspiration Hazard: No data available. Not expected to be an aspiration hazard.

Primary Route of Entry: Inhalation of particulates.

Section 12 - Ecological information

Ecotoxicity:

There aren't known ecological toxicity values.

Persistence and degradability:

It's expected high persistence and slow degradability.

Bioaccumulative Potential:

It's expected moderate to high bioaccumulative potential.

Mobility in Soil:

No data available

Other Adverse Effects:

No data available



Engineered Solutions since 1911

SAFETY DATA SHEET

Section 13 - Disposal considerations

Dispose of in accordance with federal, state and local regulations.

Section 14 - Transport information

US Department of Transportation Classification (49CFR)

Not classified as hazardous for transport.

Section 15 - Regulatory information

SARA Section 302 & 304:

No chemicals

SARA Section 313:

The following component is subject to reporting levels established by SAR Title III, Section 313:

- N-Methyl-2-pyrrolidone (CAS #872-50-4)

TSCA:

All components of this product are either listed or are exempt on the TSCA inventory.

Section 16 - Other information

Product Identifier: Nylatron LFX

Disclaimer :

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, storage, transportation and release and is not considered a warranty or quality specification. The responsibility for the compliance with existing law and regulations lies with the receiver of the product.