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SAFETY DATA SHEET

Product : Robco Moly Filled Nylon

Date Prepared : June 30th, 2017

Section 1 - Product and Company Identification

Product Name/Identifier: Robco Moly Filled Nylon
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

NFPA ratings (scale 0 - 4)

Health = 0; Fire = 1; Reactivity = 0

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008:

The product is not classified according to the CLP regulation.

Classification according to GHS : Not classified as dangerous goods.

Labelling according to Regulation (EC) No 1272/2008: Not applicable.

Emergency Overview:

Irritating vapors to respiratory system and eyes may form when polymer is processed at high temperatures or burning. Molten or heated material in skin contact can cause severe burns.

Routes of Entry:

FOR HOT MATERIAL: Skin contact, Eye contact, Inhalation.

Potential Acute Health Effects:

Eyes:

Under normal circumstances products is no eye contact hazard.

Inhalation: Negligible at room temperature. Irritating vapors or fume can be irritating to the upper respiratory tract. when the polymer is processed at high temperatures or burning.

Ingestion:

This products is not toxic,no effects are expected for ingestion of small amounts.



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Potential Chronic Health Effects:

CARCINOGENIC EFFECTS:

This material is not a carcinogen. Classified NONE by NTP, NONE ,OSHA and by IARC.

MUTAGENIC EFFECTS: Not available.

TERATOGENIC EFFECTS: Not available.

Section 3 - Composition/information on ingredients

Mixture of substances listed below with additions.

| Components Name | CAS Number | Weight Percent (%) |
|----------------------|------------|--------------------|
| Polyamide | 63428-84-2 | 95% |
| Molybdenum disulfide | 1317-33-5 | 5% |

Section 4 - First aid measures

After inhalation: The material is not expected to present an inhalation hazard.

After skin contact:

Cool skin rapidly if contacted with molten polymer. Obtain medical attention for thermal burn.

After eye contact:

Immediately flush eyes with plenty of water for at few minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

After swallowing: If symptoms persist consult doctor.

Medical conditions aggravated by exposure:

No medical conditions are known to be aggravated by these products.

Section 5 - Firefighting measures

General Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Decomposes at high temperatures, resulting in toxic and corrosive products. Containers may explode when heated.

Extinguishing Media:

Use water spray, dry chemical, carbon dioxide, or chemical foam. Cool containers with flooding quantities of water until well after fire is out.

Auto ignition Temperature: > 450°C (estimated).

Special fire & explosion hazards:

Dense smoke emitted when burned without sufficient oxygen. Heating or burning will release toxic gases or fumes, Negligible explosion hazard.



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Other information: Wear self-contained breathing apparatus and complete personal protective equipment when potential for exposure to products of combustion exists.

Section 6 - Accidental release measures

Small Spill and Leak:

This product is solid, Small leak is meaningless, where have scattered only need to clean up it.

Large Spill and Leak:

No danger, to recycling collection the leak products and repackage the not contaminated products.

Section 7 - Handling and storage

Handling:

Handling of plastic may form nuisance dust. Protect personnel. Pneumatic material handling and processing equipment may generate dust of sufficiently small particle size that, when suspended in air, may be explosive. Dust accumulations should be controlled through a comprehensive dust control program that includes, but is not limited to, source capture, inspection and repair of leaking equipment, routine housekeeping and employee training in hazards. See NFPA654.

Storage:

Keep in a cool place. Ground all equipment containing material. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents

Section 8 - Exposure controls/personal protection

Ventilation and Engineering controls:

No special ventilation and engineering controls are required, handling of these products need keep good ventilation.

Respiratory Protection:

No special respiratory protection is required for use of these products. If respiratory protection is needed, use only protection authorized in the U.S. Federal OSHS Standard, applicable U.S. State regulations.

Body Protection:

No special protective clothing is required.

Protective Gloves:

Unnecessary, When need choose rubber gloves or other insulated gloves.

Eye Protection:

Unnecessary, When necessary wear chemical goggles or face shield.

Section 9 - Physical and chemical properties

General Information

| | |
|---------------|-------|
| Form: | Solid |
| Color: | Black |



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| | |
|---------------------------------------|--|
| Odor: | Odorless |
| Change in condition | |
| Melting point/Melting range: | 230~250°C |
| Decomposition temperature: | Not available |
| Tensile strength: | Not available |
| Self-igniting: | Product is not self-igniting |
| Danger of explosion: | Product does not present an explosion hazard |
| Density: | |
| Relative density: | >1(Water=1) |
| Vapor density: | Not available |
| Evaporation rate | Not Applicable |
| Solubility in/Miscibility with | |
| Water: | Insoluble |
| PH-Value: | Not available |
| Viscosity: | |
| Dynamic: | Not available |

Section 10 - Stability and reactivity

Chemical Stability: The product is stable.

Incompatibilities with Other Materials: No further relevant information available.

Hazardous Decomposition Products:

The following combustion products may be generated: carbon dioxide, carbon monoxide, water vapor, and trace volatile organic compounds.

Hazardous Polymerization: Hazardous polymerization will not occur.

Section 11 - Toxicological Information

Toxicity to Animals:

LD50: Not available

LC50: Not available

Chronic Effects on Humans:

CARCINOGENIC EFFECTS: Classified NONE by NTP, NONE by OSHA. 3 (Not classifiable for human.) by IARC.

Other Toxic Effects on Humans: None

Section 12 - Ecological information

Mobility and bioaccumulation potential: No further relevant information available.

Ecotoxic effects: May cause long-term adverse effects in the environment.

Acquatic toxicity: No further relevant information available.



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Environmental Precautions:

It must be disposed of by incineration or in an authorized waste deposit.

Section 13 - Disposal considerations

Product:

Must be disposed of in accordance with applicable Federal, state and local regulations.

Recommendation: Must not be disposed together with household garbage.

Uncleaned packaging:

Recommendation Disposal must be made according to official regulations.

Section 14 - Transport information

DOT Classification for Bulk Shipments (non bulk shipments may differ):

Not a DOT controlled material (United States).

Shipping Name: Not applicable.

UN Number: Not applicable.

Packing Group: Not applicable.

Marine Pollutant: Not available.

Hazardous Substance Reportable Quantity: Not available.

Special Provisions for Transport: Not applicable.

TDG Classification: Not controlled under TDG (Canada).

ADR/RID Classification: Not controlled under ADR(Europe)

IMO/IMDG Classification: Not Controlled under IMDG.

ICAO/IATA Classification: Not controlled under IATA.

Section 15 - Regulatory information

HCS Classification:

This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA inventory: All components are exempted.

SARA 301/302/303:

No chemicals in this product are listed as extremely hazardous substances in 40 CFR 355, Emergency

Planning And Notification(Appendix A to Part 355).

International Regulations

WHMIS: Not controlled under WHMIS

DSCL: Not controlled under DSCL

State Regulation: No products were found.

California Prop.65:

There are no Proposition 65 chemicals present in this products levels that would require a warning under the California Safe Drinking Water and Toxic Enforcement Act.

REACH Regulation List of Substances of very high concern (SVHC):

None of the ingredients is listed.

Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

Section 16 - Other information

The contents and format of this SDS are in accordance with ISO Commission Directive ISO11014:2009.

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.