POLYNIL NYLON 66 AND NYLON 66/6 COPOLYMERS

MATERIAL SAFETY DATA SHEET

1. THE SUBSTANCE / PREPARATION AND THE COMPANY NAME:

Product name: ***Polynil Nylon 66 Polymer and 66/6 Copolymer***

This MSDS applies to all Polynil Nylon 66 Polymers and 66/6 Copolymer products including, but not limited to, the following:

P35HA, P36, P40, P50, P50L, P50LP ,P50N, P50FI, P50FL, P50FL Nat 001, P50EF, P53, P60, P60BR, P75, 75BR, P100, P100HS, P125, P230, P240, P240L, P240LHS, P240LHSV, P300, PW50, T34, T40, C50, C60, C210.

Supplier and Manufacturer: **Nilit Ltd.**
Maurizio Levi Road
Migdal HaEmek 23102.
Israel.

Emergency : **Tel. No**. : **972-4-6544649** **Fax No. : 972-4-6544513**

2. COMPOSITION / INFORMATION ON INGREDIENTS:

Chemical name of the substance	Classification	Concentration	CAS-No
Polyamide Nylon 66		98 - 100 %	32131-17-2
or **Polyamide 66/6 Copolymer**		98 - 100 %	32131-17-2

3. HAZARDS IDENTIFICATION:

No significant health hazards are associated with this material in solid pellet form as supplied by the manufacturer.

Material is flammable, generating hazardous products of combustion.
– Keep away from direct flames.

Material in molten form can cause burns.
–Personnel likely to contact molten material should use personal protective equipment.

Material in powder form may form flammable or explosive dust - air mixtures.

4. FIRST AID MEASURES:

Inhalation: If dust inhalation causes any distress symptoms, remove to fresh air and remove material from eyes, skin and clothing.
Eye contact: If eye contact causes any irritation, eyes can be flushed with water.
Skin contact: First aid unlikely to be required. Material can we washed of with water.
Ingestion: First aid unlikely to be required if small quantities are ingested. A physician may be contacted for advice.
General advice: Burns caused by molten material require immediate medical treatment.

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5. FIRE – FIGHTING MEASURES:

Conditions to avoid: Material is combustible and will burn by direct ignition.

Suitable extinguishing media: Water spray, CO2, Foam, other dry extinguishing media.

Fire fighting equipment : Self contained breathing apparatus must be used.

Hazardous products of combustion: Material burns releasing toxic gases. Carbon Dioxide(CO2), Carbon Monoxide (CO), Nitrogen Dioxides (NOx), Hydrogen Cyanide (HCN) and others.

6. ACCIDENTAL RELEASE MEASURES:

Personal precautions: Use personal protection recommended in section 8.
Pellets may be a slipping hazard.
Environmental precautions: N / A
Methods for cleaning up: Sweep up to prevent slipping

7. HANDLING AND STORAGE:

Handling : Handle in accordance with good industrial hygiene and safety practices.

Storage : Protect against fire. Avoid storage adjacent to an open flame.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

Plant Layout : See recommendations in paragraph 7

Ingredients with limiting values to be controlled : No specific limits for this material have been established by OSHA or ACGIH. Follow established limits for airborne particulates otherwise not regulated (PNOR) and particulates not otherwise classified (PNOC)

Respiratory protection : Avoid breathing dust . Use approved respiratory protection equipment when airborne exposure limits are exceeded.
Eye protection: The material does not represent an eye hazard.
Use good industrial practice to always protect eyes from contact with dust and particulate matter to avoid irritation.
Hand/Body protection: The material does not present a skin irritation hazard.
Use good industrial to minimize skin contact.
Workplace Ventilation: Provide adequate workplace ventilation when processing.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Form:	Solid
Color:	Colorless - white
Appearance:	Pellets, approx. 1 mm sides
Odour:	None
Vapor pressure:	N / A
Boiling point (C°):	N / A
Melting range:	217 - 265°C
Ignition temp.	Greater that 350 °C
pH :	N/A
Specific gravity:	1.13 – 1.15
Bulk density:	Approx. 0.7 g/cm^3
Solubility in water :	Insoluble

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10. STABILITY AND REACTIVITY:

Conditions to avoid:	Starts to decompose above 300 °C.
Hazardous decomposition products:	Carbon Monoxide, Nitrogen Oxides, possible traces of Hydrogen Cyanide.
Hazardous reactions:	Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION:

According to information available in the literature and our experience, the product is not hazardous to health, provided it is correctly handled and processed.

12. ECOLOGICAL INFORMATION:

Mobility :	No data available
Persistence and Degradability :	The material will not normally biodegrade.
Bioaccumulative Potential :	No data available
Aquatic Toxicity:	No data available
Other information / Appraisal :	The product is a water insoluble polymer.

13. DISPOSAL CONSIDERATIONS:

US EPA RCRA Status: This material when discarded is not a hazardous waste as defined by the Resource, Conservation and Recovery Act (RCRA), 40 CFR 261

Do not allow to enter sewers or public waterways.
Check for possible recycling.
Non-recyclable material may be disposed of in a controlled landfill or burned in incinerators, according to national and local rules.

Contaminated packaging : Empty packages completely.

14. TRANSPORT INFORMATION:

Not classified as hazardous under transport regulations.

15. REGULATORY INFORMATION:

Inventories: All materials are in compliance with the following inventories: U.S.A. TSCA, Canadian DSL, Japanese ENCS, Australian AICS, Korean, Phillipine PICCS, Chinese.

Canadian WHMIS classification : Not controlled.

Sara Notification:
Hazard categories under Title III Rules (40 CFR 370) : Not Applicable.
Section 302 Extremely Hazardous Substances : None
Section 313 Toxic Chemicals : None
CERCLA Reportable Quantity : Not Applicable

This MSDS contains all data required by the Canadian Controlled Products Regulation

Section 11 details information for OSHA/HPA hazardous chemicals
Section 13 details RCRA classification

EC Supply labeling: Not regulated.

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16. OTHER INFORMATIO:

Intended end use: Production of plastic products.

	Health	Fire	Reactivity	Additional Information
Suggested NFPA Rating	1	1	0	
Suggested HMIS Rating	1	1	0	A

This product may contain waxes, heat stabilizers or other performance enhancing additives. Under normal industrial use, these additives will remain contained within, or attached to the polymer pellets, and occupational exposure are expected to be minimal.

The information given in this Safety Data Sheet is correct to the best of our knowledge and information, at time of publication, but Nilit does not warrant the completeness or accuracy of the information. In no event will Nilit be responsible for damages of any nature whatsoever resulting from the use of or reliance upon this information. The information is intended for guidance for safe handling, use, storage, and disposal, and does not constitute a warranty or quality specification.