

MATERIAL SAFETY DATA SHEET

Complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

PRODUCT IDENTIFICATION

Nylon 6 is a generic name of a polymer produced by polymerization of caprolactam

Nylon T6: Staple Fiber
Tow
Filament Yarn
Thread Waste
Polymer

MANUFACTURER

Stampcrete International, Ltd.
325 Commerce Blvd.
Liverpool, NY 13088

Emergency Contact
800-255-3924
Information Contact
800-233-3298 or (315) 451-2837

HEALTH HAZARD DATA

There are no known physical or health hazards associated with this product.

Inhalation: Not considered toxic; not an irritant
Ingestion: Very low oral toxicity; LD 50 (rat) – 3,200 mg/kg
Skin: May cause mechanical irritation
Eyes: May cause mechanical irritation
Air: (Nylon 6 dusts should be considered as nuisance dusts)
Dust = 10mg/m³

Unusual

Chronic Toxicity: None

CONTROL MEASURES

Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of the material from eyes, skin, and clothing.

Eye Protection: Nylon fiber does not cause significant eye irritation or eye toxicity requiring special protection.

Skin Protection: Nylon fiber does not present significant skin concern requiring special protection.

Respiratory Protection: Avoid breathing dust. Use NIOAH/MSHA approved respiratory protection equipment when airborne exposure is excessive. Consult respiratory manufacturer to determine appropriate type equipment for given application. Observe respirator use limitations specified by NIOSH/MSHA or the manufacturer. Respiratory protection programs must comply with 29 CFR 1910-134.

Ventilation: Normal good ventilation practices should be observed.

Airborne Exposure Limits: Although OSHA and ACGHI have not established specific exposure limits for this material, they have established limits for nuisance dusts: (Dust from fibers is referred to as "fly"

OSHA PEL/8 –hour Time – weighted average: Total 15mg/m³; Respirable 5mg/m³

ACGHI TLV/8-hour Time – weighted average: Total 10mg/m³

Keep exposure below these limits

REACTIVITY DATA

Stability:
Incompatibility (Materials to Avoid)

Stable:
Strong Oxidizing Agents

If nylon 6 is involved in a fire, thermal decomposition products may include CO, HCN (trace), and other C, H, N and O compounds of varying chemical structure and molecular weights.

Hazardous Polymerization will not occur

PHYSICAL DATA

Material is Solid	
Appearance:	Clear to white solid, odor characteristic of mineral oil based lubricant.
Boiling Point:	ND
Melting Point:	215 C
Specific Gravity:	1.13 (H2O-1)
Solubility in Water:	Insoluble

FIRE AND EXPLOSION

Unusual Fire and Explosion Hazards:	None
Fire Extinguishing Agents Recommended:	All standard agents
Fire Extinguishing Agents to Avoid:	None
Special Fire Fighting Procedures:	Wear self-contained breathing apparatus

DISPOSAL AND SHIPPING INFORMATION

These products are not classified as hazardous wastes under the Resource Conservation and Recovery Act and, unless prohibited by state or local resolution, can be disposed of in a municipal landfill or incinerated. Any finish oils contained in plant wastewater should be biodegradable in conventional biological wastewater treatment systems.

These fibers are not classified by the Department of Transportation as a hazardous material.

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Stampcrete International, Ltd.

Date 6/00