



I. IDENTIFICATION AND EMERGENCY INFORMATION

PRODUCT NAME	Nylon
PRODUCT DESCRIPTION	Nylon 6 General Purpose Resin
APPEARANCE	Clear to Colors
EMERGENCY TELEPHONE NUMBER	(614) 797-2300
CONTACT	Michael Grubb or Tom Malloy

II. COMPONENTS AND HAZARD INFORMATION

CHEMICAL COMPONENTS	CAS #	WEIGHT %	OSHA PEL	ACGIH TLV	NTP LISTED	IARC LISTED
Nylon 6	25038-54-4	97+	NA	NA	NA	NA
Potassium Bromide (certain HS grades)	2/3/7758	0.1-1	NA	NA	NA	NA
Caprolactam	105-60-2	<1	NA	NA	NA	NA

This product contains no hazardous chemicals as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

HEALTH	0	FLAMMABILITY	0	REACTIVITY	0	SPECIAL	0
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III. TYPICAL PHYSICAL PROPERTIES

BOILING POINT	Not Applicable	SOLUBILITY IN WATER	Insoluble
VAPOR PRESSURE (mm Hg@20C)	Not Applicable	SPECIFIC GRAVITY (water=1)	1.13-1.15
VAPOR DENSITY (air=1)	Not Applicable	PERCENT VOLATILES (volume)	Not determined
APPEARANCE	Clear to beige solid pellets	EVAPORATION RATE (ether=1)	Not Applicable
ODOR	Possible slight organic odor	pH DATA	Not Applicable

IV. FIRE AND EXPLOSION HAZARD INFORMATION

FLASH POINT	FLAMMABILITY LIMITS (% BY VOLUME IN AIR)			AUTOIGNITION TEMPERATURE
NA	LEL:	NA	UEL:	NA

FIRE & EXPLOSION HAZARDS	Exposure to fire will release irritating, toxic and/or flammable fumes and vapors.
EXTINGUISHING MEDIA	Use any standard agent (water, foam, dry chemical, carbon dioxide).
FIREFIGHTING PROCEDURES	Wear self-contained, positive-pressure breathing apparatus (full face-piece type) and full protective clothing.
PROTECTIVE EQUIPMENT	Wear self-contained, positive-pressure breathing apparatus (full face-piece type) and full protective clothing.

V. REACTIVITY INFORMATION

STABILITY (CONDITIONS TO AVOID)	Product is stable. Avoid exposure to open flame or temperatures exceeding optimum recommended processing temperatures. Avoid prolonged exposure to processing temperatures.
CHEMICAL INCOMPATIBILITY	Strong mineral acids.
HAZARDOUS DECOMPOSITION PRODUCTS	Thermal breakdown products may include a complex mixture of compounds, including but not limited to carbon monoxide, ammonia, aliphatic amines, ketones, nitriles, and hydrogen cyanide, which may be flammable, toxic and/or irritating. The specific materials generated will vary depending on the additives and colorants used, specific temperature, time of exposure and other immediate environmental factors.
CORROSIVE TO METAL	No.
OXIDIZER	No.

VI. HEALTH HAZARD AND FIRST AID INFORMATION			
ENTRY ROUTES	EFFECTS OF OVEREXPOSURE		
INHALATION	Thermal processing fumes/vapors or dusts may irritate the mucous membranes of the nose and throat.		
EYE CONTACT	Contact with powders or dusts may cause mechanical irritation. Thermal processing fumes/vapors may irritate the eyes.		
SKIN CONTACT	Pellets or dusts in contact with skin may cause irritation. Hot or molten polymer can burn the skin.		
INGESTION	Ingestion is not a likely route of exposure. Ingestion of product may cause gastrointestinal discomfort.		
ENTRY ROUTES	EMERGENCY FIRST AID PROCEDURES		
INHALATION	Remove person to fresh air. If irritation develops or persists, obtain medical attention.		
EYES	Flush eyes with running water. If irritation develops or persists, obtain medical attention.		
SKIN	For irritation, flush the skin with cool running water. Wash the affected area with mild soap and water. Obtain medical attention if irritation persists. If hot or molten polymer burns the skin, immerse the burned area in cold running water and obtain medical attention immediately.		
INGESTION	If product is ingested, seek medical attention.		
VII. OCCUPATIONAL CONTROL PROCEDURES			
VENTILATION	Good manufacturing practice and good industrial hygiene practice recommend the use of local exhaust ventilation at thermal processing points.		
RESPIRATORY	If dusty conditions exist, use a mechanical filter respirator approved by NIOSH. For exposures to fumes and vapors in excess of permissible exposure limits, use an organic vapor cartridge respirator approved by NIOSH.		
EYE PROTECTION	Wear safety glasses with sideshields as a minimum. Use a faceshield when processing molten material.		
SKIN PROTECTION	Wear gloves when handling drums and when handling hot polymer. Use arm protection to protect against thermal burns.		
HANDLING AND STORAGE	To maintain product quality store in a cool, dry area. Keep in a tightly sealed container.		
VIII. ENVIRONMENTAL CONTROL PROCEDURES			
SPILL AND LEAK PROCEDURES	Sweep or vacuum material and place in container for re-use or disposal.		
WASTE DISPOSAL METHODS	Do not dump into sewers, on the ground, or into any body of water. For unused and uncontaminated product preferred options include sending to a licensed recycler, reclaimer, incinerator or other thermal distribution device. As a permitted polymer recycling operation and as a service to its customers, Geo-Tech will assist in finding appropriate routes for disposing of unused, uncontaminated product. Contact Geo-Tech for details.		
IX. REGULATORY INFORMATION			
US EPA SARA HAZARD CATEGORY: This product has been reviewed according to the hazard categories under sections 311 and 312 of SARA Title III and is considered not to have met any hazard category.	STATE RIGHT TO KNOW: This product is not known to contain any substances subject to the disclosure requirements of New Jersey and Pennsylvania.		
TOXIC SUBSTANCES CONTROL ACT (TSCA): All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.	CANADIAN WHMIS INFORMATION: Not a controlled product under the Canadian Workplace Hazardous Materials Information System.		
US DEPARTMENT OF TRANSPORTATION (DOT): Not regulated by DOT when shipped domestically by land.	CANADIAN TDG INFORMATION: Not regulated by TDG when shipped domestically by land.		
X. ADDITIONAL INFORMATION			
WHILE THE INFORMATION AND RECOMMENDATIONS SET FORTH ON THIS DATA SHEET ARE BELIEVED TO BE ACCURATE AS OF THE PRESENT DATE, METSS MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.			
DATE PREPARED	30-Jun-01	REVISION DATE	24-Sep-01
EXPLANATION OF	NE-NOT ESTABLISHED	ND-NOT DETERMINED	GT- GREATER THAN
			TR-TRACE