

POLYMER -- NYLON 6 SERIES
MATERIAL SAFETY DATA SHEET
NSN: 933000N025124
Manufacturer's CAGE: 83616
Part No. Indicator: A
Part Number/Trade Name: NYLON 6 SERIES

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General Information
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Company's Name: POLYMER CORP
Company's P. O. Box: 422
Company's City: READING
Company's State: PA
Company's Country: US
Company's Zip Code: 19605
Company's Emerg Ph #: 215-320-6600;800-424-9300(CHEMTREC)
Company's Info Ph #: 215-320-6600
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SMJ
Date MSDS Prepared: 09JUL90
Safety Data Review Date: 08FEB95
MSDS Serial Number: BMPDY
Hazard Characteristic Code: N1

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Ingredients/Identity Information
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Proprietary: NO
Ingredient: POLYAMIDE COMPOUND
Ingredient Sequence Number: 01
NIOSH (RTECS) Number: 1000754PO
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

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Physical/Chemical Characteristics
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Appearance And Odor: NATURAL, BLACK & WHITE ROD, PLATE AND BAR SHAPES. NO ODOR.
Melting Point: 410F,210C
Specific Gravity: 1.13
Solubility In Water: INSOLUBLE
Percent Volatiles By Volume: 0

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Fire and Explosion Hazard Data
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Extinguishing Media: WATER, CO2, FOAM, DRY CHEMICALS OR WATER SPRAY.
Special Fire Fighting Proc: USE NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP(FP N). WATER SHLD BE USED TO KEEP FIRE-EXPOSED CNTNR COOL. WATER &/ DRY CHEMICAL MAY CAUSE DAMAGE TO MACHINERY.
Unusual Fire And Expl Hazrds: NONE ARE KNOWN.

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Reactivity Data
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Stability: YES
Cond To Avoid (Stability): HEATING ABOVE 340C.
Materials To Avoid: STRONG OXIDIZERS.
Hazardous Decomp Products: NYLON 6 WILL RELEASE CO, CO2.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT RELEVANT

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Health Hazard Data
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LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: NO
Route Of Entry - Ingestion: NO
HOT MELTED POLYMER WILL CAUSE THERM BURNS. MECHANICAL IRRITATION WILL OCCUR WITH EYE CONTACT.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NOT RELEVANT
Signs/Symptoms Of Overexp: SEE HEALTH HAZARDS.
Med Cond Aggravated By Exp: AS WITH ANY ORGANIC CMPD THAT IS HEATED TO VAPORIZATION, EXPOS MAY AGGRAVATE PRE-EXISTING CNDTNS SUCH AS COLDS, ALLERGIES, ASTHMA, EMPHYSEMA, AND PSORIASIS.
Emergency/First Aid Proc: INHAL: REMOVE TO FRESH AIR. REFER TO MD FOR TREATMENT. SKIN/EYE: COOL RAPIDLY W/COLD WATER. DO NOT ATTEMPT TO PEEL POLYMER FROM SKIN. OBTAIN MED ATTN FOR THERMAL BURN. FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. INGEST: CALL MD IMMEDIATELY (FP N).

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Precautions for Safe Handling and Use
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Steps If Matl Released/Spill: CLEAN UP BY VACUUMING OR SWEEPING TO
MINIMIZE DUST EXPOSURE.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: INCINERATION OR LANDFILL IN COMPLIANCE WITH
FEDERAL, STATE AND LOCAL REGULATIONS.

Precautions-Handling/Storing: KEEP AWAY FROM SPARKS AND OPEN FLAMES. USE
DRY STORAGE AND KEEP CONTAINERS TIGHTLY CLOSED.

Other Precautions: GRINDING AND MACHINING OF PARTS SHOULD BE REVIEWED TO
ASSURE THAT PARTICULATE LEVELS ARE KEPT AT RECOMMENDED STANDARDS.

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Control Measures
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Respiratory Protection: NONE IS REQUIRED UNDER NORMAL PROCESSING
EQUIPMENT. WEAR A NIOSH/MSHA APPROVED PROPERLY FITTED RESPIRATOR IF LOCAL
EXHST DOES NOT KEEP PARTICULATE CONC BELOW ACGIH THRESHOLD LIMIT VALUE.

Ventilation: PROVIDE SUFFICIENT VENT IN VOL & PATTERN AT EQUIP TO KEEP
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