

POLYMER -- NYLATRON GSM & NYLATRON GSM-P
 MATERIAL SAFETY DATA SHEET
 NSN: 685000F046418
 Manufacturer's CAGE: 83616
 Part No. Indicator: A
 Part Number/Trade Name: NYLATRON GSM & NYLATRON GSM-P

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 General Information
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Company's Name: POLYMER CORPORATION
 Company's Street: 2120 FAIRMONT AVENUE
 Company's P. O. Box: 14235
 Company's City: READING
 Company's State: PA
 Company's Country: US
 Company's Zip Code: 19612-4235
 Company's Emerg Ph #: 610-320-6600
 Company's Info Ph #: 610-320-6631
 Record No. For Safety Entry: 001
 Tot Safety Entries This Stk#: 001
 Status: SE
 Date MSDS Prepared: 11DEC92
 Safety Data Review Date: 23FEB96
 MSDS Preparer's Name: T W SWAVELY
 Preparer's Company: POLYMER CORPORATION
 Preparer's St Or P. O. Box: 2120 FAIRMONT AVENUE
 Preparer's City: READING
 Preparer's State: PA
 Preparer's Zip Code: 19612-4235
 MSDS Serial Number: BYMXN

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 Ingredients/Identity Information
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Proprietary: NO
 Ingredient: POLY (E-CAPROLACTAM), ERTALON, CAST NYLON, NYLON-6, POLYAMIDE-6 (CARCINOGEN BY IARC GROUP 3) *95-4*
 Ingredient Sequence Number: 01
 NIOSH (RTECS) Number: TQ9800000
 CAS Number: 25038-54-4

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 Physical/Chemical Characteristics
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Appearance And Odor: STOCK SHAPE MAY BE ROD, PLATE/BUSHING W/ESSENTIALLY NO ODOR.
 Melting Point: 413-446F
 Specific Gravity: 1.15-1.18
 Decomposition Temperature: >572F
 Solubility In Water: INSOLUBLE

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 Fire and Explosion Hazard Data
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Flash Point: 752F
 Flash Point Method: PMCC
 Extinguishing Media: WATER SPRAY/ANY CLASS A EXTINGUISHING AGENT.
 Special Fire Fighting Proc: WEAR FULL PROTECTIVE CLOTHING INCLUDING SCBA. EQUIPMENT SHOULD BE THOROUGHLY DECONTAMINATED AFTER USE.

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 Reactivity Data
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Stability: YES
 Cond To Avoid (Stability): HEAT >572F.
 Materials To Avoid: STRONG ACIDS & OXIDIZING AGENTS.
 Hazardous Decomp Products: CO, HYDROGEN CYANIDE, NITROGEN GASES
 Hazardous Poly Occur: NO

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 Health Hazard Data
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Route Of Entry - Inhalation: NO
 Route Of Entry - Skin: YES
 Route Of Entry - Ingestion: NO
 Health Haz Acute And Chronic: SKIN: MOLTEN NYLON CAUSES THERMAL BURNS.
 EYES: MECHANICAL IRRITATION ONLY.
 Carcinogenicity - NTP: NO
 Carcinogenicity - IARC: NO
 Carcinogenicity - OSHA: NO
 Explanation Carcinogenicity: NONE
 Signs/Symptoms Of Overexp: IRRITATION, BURNS
 Emergency/First Aid Proc: INHALATION: REMOVE TO FRESH AIR. SKIN: WASH W/SOAP & PLENTY OF WATER. EYES: FLUSH W/WATER. IF MOLTEN POLYMER CONTACT SKIN, COOL RAPIDLY W/COLD WATER. DON'T ATTEMPT TO PEEL POLYMER FROM SKIN.

OBTAIN MEDICAL ATTENTION IN ALL CASES.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: CLEAN UP BY VACUUMING/WET SWEEPING TO PREVENT FALLS.

Waste Disposal Method: LANDFILL/INCINERATION IAW/FEDERAL, STATE & LOCAL REGULATIONS.

Precautions-Handling/Storing: DRY STORAGE, KEEP CONTAINERS CLOSED TO PREVENT CONTAMINATION.

Control Measures

Respiratory Protection: NONE UNDER NORMAL PROCESSING, IF VENTILATION IS ADEQUATE.

Ventilation: LOCAL EXHAUST AT PROCESSING EQUIPMENT TO KEEP PARTICULATES <15 MG/M3, THE OSHA LIMIT FOR NUISANCE DUSTS.

Protective Gloves: REQUIRED

Eye Protection: SAFETY GLASSES

Other Protective Equipment: LONG SLEEVE COTTON SHIRT & LONG PANTS.

Transportation Data

Disposal Data

Label Data

Label Required: YES

Label Status: G

Common Name: NYLATRON GSM & NYLATRON GSM-P
MECHANICAL IRRITATION ONLY. IRRITATION, BURNS

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