

TYNEX® A ABRASIVE FILAMENTS

MATERIAL SAFETY DATA SHEET

SECTION I

MANUFACTURER

DuPont Filaments
1007 Market Street
Wilmington, DE 19898

Product Information: 1-800-441-7515
Medical Emergencies: 1-800-441-3637
Date Revised: January 1994

SECTION II

INGREDIENTS

Chemical Name:
Polyhexamethylene dodecandiamide (Nylon 612)
CAS No. 26098-55-5
40% or less inert abrasive grit

SECTION III

PHYSICAL DATA

Melting Point:	208-215° C
Boiling Point:	Not Applicable
Solubility in Water:	Insoluble
Evaporation Rate:	Not Applicable
Specific Gravity:	1.16-1.26

SECTION IV

FIRE AND EXPLOSION DATA

Flash Point (Method):	Not Applicable
Flash Ignition Temp.:	400° C (ASTM D1929)
Extinguishing Media:	Water, Carbon Dioxide Foam, Dry Chemicals
Special Fire Fighting Instructions:	None

SECTION V

HEALTH HAZARD INFORMATION

TYNEX® A is not a hazardous material.

Ingestion: Not a probable route of exposure
Inhalation: Not respirable

FIRST AID: Flush eyes with plenty of water.
Consult a physician if symptoms persist.

SECTION VI

HAZARDOUS REACTIVITY

Stability:	Stable
Conditions to Avoid:	Heating above 340°C
Incompatibility (Materials to avoid):	Strong acids, bases, oxidizing agents
Decomposition Products: (when overheated)	Carbon monoxide, ammonia, aldehydes

SECTION VII

DISPOSAL PROCEDURES

Aquatic Toxicity:	Very low toxicity
Spill or Leak:	Sweep up to prevent slipping hazard.
Waste Disposal:	Incinerate or landfill in compliance with federal state & local regulations

SECTION VIII

SPECIAL PROTECTION INFORMATION

Ventilation:	Local exhaust at processing equipment to keep particulate below 15 mg/m ³ (OSHA limit for particulates not otherwise regulated).
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Personal Protection Equipment:

Eye:	Safety glasses
Gloves:	To prevent abrading hands
Respirator:	Not applicable

SECTION IX

MEDICAL USE

CAUTION--DO NOT USE IN MEDICAL APPLICATIONS INVOLVING PERMANENT IMPLANTATION IN THE HUMAN BODY. For other medical applications see DuPont CAUTION Bulletin No. H50102

NOTICE FROM DUPONT

The data in this MSDS relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.