

MATERIAL SAFETY DATA SHEET

EFFECTIVE DATE	September 1, 1985
REVISED DATE	September 19, 2011
TRADE NAME	Zytel Nylon 6 / 12
CHEMICAL FAMILY	
CHEMICAL FORMULA	Polyhexamethylene dodecandiamide
SECTION II - HAZARDOUS INGREDIENTS	
HAZARDOUS COMPONENTS	
SECTION III - PHYSICAL DATA	
BOILING POINT (F)	
FREEZING POINT (F)	
VOLATILITY / VOLUME (%)	ca 1
MELTING POINT	208 - 215° C
VAPOR PRESSURE (mmHg)	
VAPOR DENSITY (Air=1)	
SOLUBILITY IN H ₂ O	Insoluble
APPEARANCE / ODOR	White or black and odorless
SPECIFIC GRAVITY (H ₂ O=1)	
ACIDITY	
SECTION IV- FIRE AND EXPLOSION HAZARD DATA	
FLASH POINT	N/A
LOWER FLAME POINT	
HIGHER FLAME POINT	
EXTINGUISH MEDIA FOR FIRE	Water, carbon dioxide, foam, dry chemicals None
UNUSUAL FIRE HAZARD	
SECTION V- HEALTH HAZARD DATA	
HEALTH HAZARD	
THRESHOLD LIMIT VALUE OVER EXPOSURE EFFECTS	
SECTION VI - REACTIVITY DATA	
CHEMICAL STABILITY	
CONDITIONS TO AVOID	Heating above 340° C



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SECTION VI - REACTIVITY DATA - CONTINUED	
INCOMPATIBLE MATERIALS	Strong acids and oxidizing agents
DECOMPOSITION PRODUCTS	Ammonia, carbon monoxide, hydrogen cyanide, aldehydes
HAZARDOUS POLYMERIZATIONS	
POLYMERIZATION AVOID	
SECTION VII - SPILL OR LEAK PROCEDURE	
FOR SPILL	Sweep up
WASTE DISPOSAL METHOD	Incineration or landfill in compliance with federal, state and local regulations
SPECIAL VIII - SPECIAL PROTECTION	
RESPIRATORY PROTECTION	
VENTILATION	Local exhaust at processing equipment
PROTECTIVE GLOVES	
EYE PROTECTION	Safety glasses
OTHER PROTECTIVE EQUIPMENT	
HANDLING AND STORAGE	Cool, dry place
SECTION IX - SPECIAL PRECAUTIONS	
HAZARD CLASS	
DOT SHIPPING NAME	
REPORTABLE QUANTITY (RQ)	
UN NUMBER NA#	
NA#	
PACKAGING SIZE	

Notes:

All information recommendations and suggestions appearing herein concerning this product are based upon data obtained from the manufacturer and/or recognized technical sources. It is the user's responsibility to determine the Safety, Toxicity and suitability of his/her own use, handling and disposal request. Since actual use by others is beyond our control, no warranty, expressed or implied, is made by Polymer Plastics Company L.C. as to effects of such use. The results to be obtained or the safety and toxicity of the product, nor does Polymer Plastics Company L.C. assume any liability arising out of use by others of the product referred to herein. The data in this MSDS relate only to the specific material designated herein and do not relate to use in combination with any other material or in any other process.

REFERENCES: N/A = Not Applicable, N/D = Not Determined, N.D.A. = No Date Available



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