

MATERIAL SAFETY DATA SHEET

TORLON

EFFECTIVE DATE	May 15, 1986
REVISED DATE	April 15, 2011
TRADE NAME	Torlon
CHEMICAL FAMILY	Poly (Amide-Imide) Polymer
CHEMICAL FORMUA	
SECTION II - HAZARDOUS INGREDIENTS	
HAZARDOUS COMPONENTS	No Hazardous Ingredients
SECTION III - PHYSICAL DATA	
BOILING POINT (F)	
FREEZING POINT (F)	
VOLATILITY / VOLUME (%)	<1.0%
MELTING POINT	260°C or 500°F
VAPOR PRESSURE (mmHg)	
VAPOR DENSITY (Air=1)	
SOLUBILITY IN H2O	Insoluble
APPEARANCE / ODOR	Solid, brown or tan in color and odorless
SPECIFIC GRAVITY (H2O=1)	1.45
ACIDITY	
SECTION IV- FIRE AND EXPLOSION HAZARD DATA	
FLASH POINT	>500°C / 870°F
LOWER FLAME POINT	
HIGHER FLAME POINT	
EXTINGUISH MEDIA FOR FIRE	Dry chemical, carbon dioxide, foam or water Wear NIOSH listed positive pressure self-contained breathing apparatus and full protective clothing Fire fighting equipment should be throughly decontaminated after use.
UNUSUAL FIRE HAZARD	Temperatures above Flash Point are required to ignite
SECTION V- HEALTH HAZARD DATA	
HEALTH HAZARD	
THRESHOLD LIMIT VALUE OVER EXPOSURE EFFECTS	None
SECTION VI - REACTIVITY DATA	
CHEMICAL STABILITY	Stable
CONDITIONS TO AVOID	Heating above 870°F



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SECTION VI - REACTIVITY DATA - CONTINUED

INCOMPATIBLE MATERIALS

Strong acids and oxidizing agents

DECOMPOSITION PRODUCTS

Amonia, oxides of carbon, nitrogen, hydrogen bromide, styrens

HAZARDOUS POLYMERIZATIONS

Will not occur

POLYMERIZATION AVOID

SECTION VII - SPILL OR LEAK PROCEDURE

FOR SPILL

Shovel or sweep up

WASTE DISPOSAL METHOD

Dispose in a suitable landfill in accordance with local, state and federal guidelines or incineration

SPECIAL VIII - SPECIAL PROTECTION

RESPIRATORY PROTECTION

Under normal processing conditions none is required

VENTILATION

Sufficient general area ventilation to stay below regulated exposure limits for dust durning maching or fabrication

PROTECTIVE GLOVES

Are Required

EYE PROTECTION

Safety glasses are recommended when processing

OTHER PROTECTIVE EQUIPMENT

HANDLING AND STORAGE

Keep away from sparks and open flames. Avoid contact with eyes. Wash thoroughly after handling.

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, expresses 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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