HAZARDOUS INGREDIENTS

COMPONENTS | CURRENT LIMITS
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Diethyltoluenediamine (CAS #68479-98-1) | NE 32%
N,N’-dialkylidiphenylmethane | NE 24%
Higher molecular weight Polymers | 15%
Low Volatile Solvents | NE 29%
This mixture does not contain any other materials which are currently considered to be hazardous in concentrations above 0.1%.

PHYSICAL DATA

Appearance: Dark fluid
Color: Dark amber to brown
Odor: Faint ammonia
Boiling Point: above 400°F
Vapor Pressure: <4.04(mmHg)
Vapor Density (air=1): >3
Specific Gravity: 1.02
Weight Per Gallon: 8.5 lbs.
Solubility in Water: Slight soluble
% Volatile by Volume: 25

FIRE AND EXPLOSION HAZARD DATA

Flash Point: 240°F
Method Used: COC
Flammable Limits: LFL: NE  UFL: NE
Extinguishing Method: Carbon dioxide, dry chemical, foam or sand
Special Fire Fighting Procedures/Fire and Explosion Hazards:
Firefighters should wear full protective clothing in addition to self-contained breathing apparatus. Decomposition products of this mixture are expected to be hazardous and irritating.

STABILITY: Stable
CONDITIONS TO AVOID: Extremely high temperatures which will cause decomposition.
INCOMPATIBILITY: Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, oxides of nitrogen, aniline.
HAZARDOUS POLYMERIZATION: Will not occur

EXPOSURE GUIDELINES: NE.
VENTILATION AND RESPIRATORY PROTECTION: Local Exhaust should be used to maintain concentrations below TLV: or if inadequate, supplemental local exhaust may be required. The use of air supplied or other respirators approved for use in isocyanate containing environments may be required if airborne concentrations below the recommended TLV cannot be assured. Availability of eye wash stations convenient to work area is recommended.

EYE PROTECTION: Wear chemical splash goggles. Availability of eye wash stations convenient to work area is recommended.
SKIN PROTECTION: Wear chemical resistant gloves (butyl rubber) and clean, appropriate clothing offering as much coverage of the exposed skin area as possible.
SPECIAL HANDLING PRECAUTIONS: Store in tightly closed containers and protect from exposure to moisture, foreign materials and heat. Do not reseal opened containers if contamination is suspected.
STORAGE TEMPERATURE: (MAX.) 120°F (49º C)
AVERAGE STORAGE LIFE: 18 months @ 77°F
SPECIAL STORAGE PRECAUTIONS: If moisture enters container, pressure can build up due to reaction which produces carbon dioxide, causing sealed container to pressurize and burst. At maximum storage temperature noted, material may slowly polymerize without hazard.

FOR INDUSTRIAL USE ONLY

NOTE: The opinions expressed herein are those of qualified personnel within the Preformed Line Products-Urethane Division Co. The information contained is believed to be current as of the date of this Material Safety Data Sheet. Since the use of this information and opinions and conditions of the use of the product are not within the control of Preformed Line Products Co., it is the user’s obligation to determine the conditions of safe use of the Product.

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