

MATERIAL SAFETY DATA SHEET

1. Product Information

Product Name: POW-R Wrap Tape®

Product Code: AAT010

2. Hazardous Ingredients

Material	CAS	Amount	OSHA PEL	ACGIR TWA	OTHER LIMITS RECOMMENDED
Diphenylmethane (MDI)	NA 26447-40-5	NR NR	0.02 ppm 0.2 mg	0.005 ppm 0.055 mg/m ³	NR NR
Polyisocyanate based On MDI	NA	NR	NE	NE	NR

NE = Not established NR = Not required

3. Fire and Explosion Hazard Data

Flash Point: 460.0F (237.7C) Flammable Limits: LEL - Not Known UEL - Not Known

Extinguishing Media: Dry chemical, carbon dioxide, high expansion chemical foam, water spray for large fires. Special Fire Fighting

Procedures: Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn. Use cold water to cool fire exposed containers.

Unusual Fire and Explosion Hazards: Toxic vapors and gases may be generated by thermal decomposition or combustion. Can polymerize and decompose which can cause pressure buildup in closed containers (at temp. greater than 400F or 204C).

Hazardous Products Formed by Fire or Thermal Decomposition: By high heat and fire: carbon dioxide, carbon dioxide, oxides.

4. Physical/Chemical Characteristics

Boiling Point: 368°C Specific Gravity: (H₂O=1): 1.14 Melting Point: NA Vapor Pressure (mm Hg): 1.40 Vapor Density (air = 1): 8.50 (MDI) Evaporation Rate (Butyl Acetate=1): NA Solubility in Water: Resets Slow % Volatile by Volume: Negative Other: NA Appearance and Odor: Dark brown, viscous liquid, aromatic color

5. Reactivity and Stability Data

Stable: Yes Conditions to avoid: Moisture Hazardous Polymerization: May occur Conditions to Avoid: Moisture
Incompatibility (materials to avoid): Water, amines, strong bases, alcohol

6. Health Hazard Data

Health Hazards: Acute Routes of entry: Inhalation - runny nose, sore throat, coughing, chest pain Skin - Reddening, swelling, rash, blistering Ingestion: sore throat, nausea, vomiting and diarrhea Eyes - Aerosols or vapors are irritating
Emergency and First Aid Procedures: Inhalation - Remove subject to fresh air, administer CRR as needed, see medical attention
Skin - wash affected area with soap and water, seek medical attention if irritation develops Ingestion - Do not induce vomiting, give 2 cups of water to drink and consult physician Eyes - Flush with water for at least 15 minutes, seek medical attention
Medical Conditions General Aggravated by Exposure: NA Carcinogenicity - currently testing NTP - NE IARC Monographs - NE OSHA: NA

7. Precautions for Safe Handling and Use

Steps to take in case the material is spilled or released: Ventilate spill area, prevent entry into water system; wear full protective equipment during clean-up Disposal Method: Waste must be disposed of in accordance with federal, state and local environmental control methods. Incineration is the preferred method. Precautions to Take in Storage and Handling: Store in tightly closed containers; avoid contact with skin and eyes; do not breath aerosols or vapors.

8. Control Measures

Respiratory Protection: Local exhaust (avoid aerosols) Gloves: Butyl rubber Ventilation Needed: Local exhaust Eye Protection: Goggles Hygienic Practices: Wash thoroughly after use
None of the chemicals are subject to SECTION 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40CFR, Part 372. None of the chemicals have an RCRA Hazardous Water No. D.O.T. Shipping : NA D.O.T. Hazard Class: NR Identification No: NA IATA Class: NA