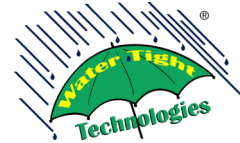




Water Tight Technologies, LLC  
 P.O. Box 899, Payson, AZ 85547



**SECTION 1 – PRODUCT IDENTIFICATION**

Product Name: <b>Pourable Sealer Part B</b>	Manufacturer's Name: <b>Water Tight Technologies, LLC</b>
Item Number(s): <b>TPS</b>	Manufacturer's Address: <b>P.O. Box 899, Payson, AZ 85547</b>
24 Hour Emergency Telephone Number: <b>CHEMTREC – United States 800-424-9300 ; International 202-483-7616 (collect)</b>	NFPA Acute Hazard Rating: <b>Health 3, Flammability 1, Reactivity 1</b> HMIS Acute Hazard Rating: <b>Health 3, Flammability 1, Reactivity 1</b>
Chemical Name/Synonyms: <b>Polymethylene Polyisocyanate</b>	Chemical Family: <b>Polyisocyanate (Polymeric MDI)</b>

**SECTION 2 – CHEMICAL COMPOSITION**

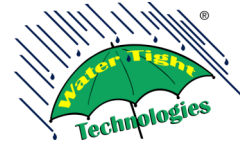
Ingredient Components (chemical names) <b>Hazardous Components 1% or greater; Carcinogens 0.1% or greater:</b>	% wt or % vol.	Case No.	OSHA PEL	ACGIH TLV
Methylene Bisphenyl Isocyanate (MDI)	41.7	101-68-8	.02 ppm	.005 ppm
Carbon Black (Channel Black)	16.6	1333-86-4	3.5mg/M <sup>3</sup>	3.5mg/M <sup>3</sup>
MDI Oligomers	41.7	9016-87-9	Not Established	Not Established

**SECTION 3 – PHYSICAL & CHEMICAL CHARACTERISTICS**

Appearance/Odor: <b>Light Black, viscous liquid, mild odor</b>	Physical State: <b>Liquid</b>	Solubility in Water: <b>Reacts with water</b>
Boiling Point: <b>341° F</b>	Specific Gravity (HO=1) <b>1.474</b>	Melting Point: <b>N/A</b>
Vapor Pressure: <b>&lt; 0.0001 mm HG @ 20° C</b>	Vapor Density (Air=1) <b>8.6</b>	Freezing Point: <b>Not established</b>
Percent Volatiles: <b>Unknown</b>	Evaporation Rate: <b>N/A</b>	Reactivity in Water: <b>Reacts with Water</b>



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**SECTION 4- FIRE & EXPLOSION HAZARD DATA**

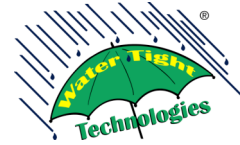
Flash Point: <b>425° F</b>	Flammable Limits (in air): <b>LEL: Unknown UEL: Unknown</b>
Extinguishing Media:  <b>Foam, water fog, dry chemical and CO<sup>2</sup> can also be used.</b>	Fire Fighting Procedures: <b>Use water spray to cool adjacent surfaces and fire exposed containers. Protect against inhalation of combustion products. Firefighters should wear full protective clothing including self-contained breathing apparatus to prevent inhalation of smoke and decomposition products. Toxic fumes and vapors may be involved.</b>
Hazardous Decomposition Products:  <b>In case of fire, Carbon Dioxide, Carbon Monoxide, Hydrogen Cyanide, Oxides of Sulfur and Oxides of Nitrogen.</b>	Special Fire & Explosion Hazards: <b>Keep work areas free from open flames, sparks hot metal surfaces and other sources of ignition. Ground objects prone to static electricity. Heat from fire can generate flammable vapors. Avoid contamination with moisture, alcohol, ammonia, amines and alkalies that react with isocyanates. Will react vigorously with water.</b>
Method Used: <b>COC</b>	Auto-Ignition Temperature: <b>Product is not self-igniting. Thermal decomposition occurs at 646° F</b>

**SECTION- 5 HEALTH HAZARD DATA**

Permissible Exposure Limit: <b>N/A</b>	Signs and Symptoms of Exposure: <b>Eye and skin contact may cause irritation. Inhalation of vapors may cause irritation of mucous membrane of nose, throat or trachea with shortness of breath, chest discomfort, difficulty breathing and reduced pulmonary function. Exposure of fumes above the PEL may result in eye irritation, headache, chemical bronchitis, asthma-like symptoms or pulmonary edema. Isocyanates have also been reported to cause hypersensitivity pneumonitis, characterized by flu-like symptoms, the onset of which may be delayed. Neurologic effects after exposure to high levels of Diisocyanates can include euphoria, anxiety, personality changes, memory deficits, depression or paranoia.</b>
Acute & Chronic: <b>Irritation, redness of eyes and skin. Acute or chronic overexposure to Isocyanates may cause sensitization resulting in allergic symptoms of the lower respiratory tract, including shortness of breath and difficulty in breathing. Asthma caused by Isocyanates including MDI, may persist after removal from exposure and may be irreversible. Long term exposure to isocyanates has been reported to cause lung damage, including reduced lung function, which may be permanent.</b>	Carcinogenicity: <b>NTP, and OSHA do not list this product as a carcinogen.</b>  <b>Carbon black is an IARC class 2B carcinogen and is possibly carcinogenic to humans: limited evidence in humans in the absence of sufficient evidence in experimental animals.</b>
Effects of Overexposure: <b>May cause minor temporary eye or respiratory system irritation. May cause skin irritation when contact is made with skin area that is cut or scratched.</b>	
Emergency & First Aid Procedures: Eye Contact: <b>Can cause irritation, redness, tearing, and blurred vision. Flush with water and consult physician.</b> Skin Contact: <b>Clean with rubbing alcohol followed by soap and water. When skin contact is made with mixture of Part A&amp;B, the product must be removed immediately using Acetone.</b> Inhalation: <b>Remove to fresh air. Administer oxygen, if necessary. Call physician.</b> Ingestion: <b>Consult a Physician. DO NOT INDUCE VOMITING. Inform physician of the nature of the product.</b> Primary Route of Entry: <b>Inhalation. Skin or eye contact, ingestion.</b>	



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**SECTION 6 – REACTIVITY DATA**

Stability: <b>Stable at ambient temperatures.</b>	Incompatibility: <b>Strong oxidizers, acids, bases and moisture.</b>
Hazardous Decomposition Products: <b>In case of fire, Carbon Dioxide, Carbon Monoxide, Hydrogen Cyanide, Oxides of Sulfur and Oxides of Nitrogen.</b>	Hazardous Polymerization: <b>May occur</b>
Conditions to Avoid: <b>Contact with strong oxidizers, acids, bases and moisture. Contact with phosphorous may product by-products.</b>	

**SECTION 7 - SPILL OR LEAK PROCEDURES**

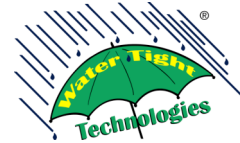
Steps to be taken in case material is released or spilled: Small spill: <b>Wear protective equipment including eye protection, rubber gloves, rubber boots, and self-contained breathing apparatus in the pressure mode, or an air supplied respirator. Absorb using inert material. Use non-sparking tools. Shovel in secure containers for proper disposal. Use personal protective equipment as outlined below.</b>
Large Spill: <b>Same as small spill.</b>
Waste Disposal Method: <b>Dispose of in accordance with local, state, and federal regulations.</b>

**SECTION 8 – SPECIAL PROTECTION**

Respiratory Protection: <b>Use NIOSH-Certified respiratory protection for organic vapor if necessary.</b>	Eye Protection: <b>Safety glasses with side shields recommended.</b>
Protective Gloves: <b>Impervious gloves are recommended to prevent skin contact.</b>	Other Protective Equipment: <b>Under normal conditions, protective glasses, gloves clothing are adequate.</b>
Ventilation: <b>Provide adequate ventilation to maintain airborne concentrations below OSHA PEL's</b>	



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**SECTION 9 – SPECIAL PRECAUTIONS OR OTHER COMMENTS**

Storage/Handling:

Store in cool, dry, well ventilated facility at temperatures between 60-80° F. Store and use away from all sources of direct heat and ignition. Contamination by moisture or basic compounds can cause dangerous pressure buildup in closed containers. Keep containers closed when not in use.

Other Precautions:

Store material in original shipping packaging. Provide adequate ventilation and avoid prolonged contact with the skin.

Work/Hygienic Practices:

Maintain good personal hygiene practices. Wash contaminated clothing before reuse. Do not eat, smoke, or drink in work areas. Wash exposed skin before eating, drinking smoking or applying cosmetics.

**SECTION 10 - TRANSPORTATION**

Regulatory Agency:

**Not Regulated. All components are included in the EPA Toxic Substance Control Act (TSCA) Chemical Substance Inventory**

Identification Number:

**Not Applicable**

Proper Shipping Name:

**Not Applicable**

Labels Required:

**Not Applicable**

Hazard Classification:

**EPA SARA Title III hazard class (40CFR370): None  
 EPA SARA Title III Section 313 (40CFR372): None  
 EPA SARA Title III (40CFR355): There are no components present in this product at a level which would require reporting.**

Other Requirements:

**Not Applicable**

**SECTION 11 – MISCELLANEOUS INFORMATION**

Additional Comments:

3/21/07

Date of Previous MSDS:

Changes Since Previous MSDS:

Sections 1; 4; 6; 7 & 9

Telephone Number for Additional Information:

**(888) 269-2122**

**DISCLAIMER**

The information contained herein is based on data considered accurate which has been obtained from other companies and organizations. However, no warranty or representation is expressed or implied that the information is accurate, complete, or representative. Water Tight Technologies, LLC assumes no responsibility for injury to the buyer, the buyer's employees, or any third persons if reasonable safety procedures are not followed.