



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



SECTION 1 – PRODUCT IDENTIFICATION

Product Name: TPO Cut Edge Sealant	Manufacturer's Name: Water Tight Technologies, LLC
Item Number: TCES	Manufacturer's Address: P.O. Box 899, Payson, AZ 85547
24 Hour Emergency Telephone Number: CHEMTREC – United States 800-424-9300 ; International 202-483-7616 (collect)	NFPA Acute Hazard Rating: Health 2, Flammability 3, Reactivity 0 HMIS Acute Hazard Rating: Health 2, Flammability 3, Reactivity 0
Chemical Name/Synonyms: N/A	Chemical Family: Mixture

SECTION 2 – CHEMICAL COMPOSITION

Ingredient Components (chemical names) Common Names Hazardous components 1% or greater Carcinogens 0.1% or greater	%	Case No.	OSHA PEL-TWA	ACGIH TLV-TWA
Stoddard Solvent	10 - 30	8052-41-3	500 ppm	100 ppm
Xylene	10 - 30	1330-20-7	100 ppm	100 ppm
Ethyl Benzene	5-10	100-41-4	100 ppm	100 ppm
Toluene	0.1 – 1	108-88-3	200 ppm (300 ppm ceiling)	20 ppm

SECTION 3 – PHYSICAL & CHEMICAL CHARACTERISTICS

Appearance/Odor: Off-white liquid with slight odor	Physical State: Liquid	Solubility in Water: N/A
Boiling Point: 212° F	Specific Gravity (H ₂ O=1) 0.7	Melting Point: N/A
Vapor Pressure: N/A	Additional Information: VOC= 464 g/L	Freezing Point: Not Established
Volatiles: (% Wt or % Vol) 55%	Ignition Temperature: N/A	Reactivity in Water: N/A
Vapor Density (Air=1) Heavier than air	Evaporation Rate: Slower than diethyl ether	



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SECTION 4- FIRE & EXPLOSION HAZARD DATA

Flash Point: 79° F	Flammable Limits (in air): LEL: N/A UEL: N/A
Extinguishing Media: NFPA Class B fire extinguishers, Alcohol Foam, CO2, Dry Chemical. Polymer foam preferred for large fires.	Fire Fighting Procedures: Firefighters should wear self-contained breathing apparatus. Water may be ineffective, but may be used to cool exposed containers to prevent pressure build-up. And possible auto-ignition or explosion when exposed to extreme heat. Fog nozzles are preferable.
Hazardous Decomposition Products: Burning, including when heated by welding or cutting, will produce smoke, carbon monoxide and carbon dioxide.	Special Fire & Explosion Hazards: During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.
Method Used: N/A	

SECTION- 5 HEALTH HAZARD DATA

Permissible Exposure Limit: Not Established	Signs and Symptoms of Exposure: Can cause eye irritation, defatting of the skin, gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into lung may cause chemical pneumonitis, which can be fatal. May cause nose or throat irritation. High vapor concentrations may cause central nervous system depression characterized by headaches, dizziness and nausea.
Effects of Overexposure: Pre-existing skin, respiratory, central nervous system, liver and kidney conditions may be susceptible.	
Acute: See Signs and Symptoms of Exposure	
Chronic: Can have health effects on cardiac, behavioral and central nervous system as well as a general irritant. Target organs are kidney and liver.	
Emergency & First Aid Procedures: Eye Contact: Flush with water, continue for at least 15 minutes and call physician Skin Contact: Remove contaminated clothing. Immediately wash with soap and water and rinse thoroughly. Call physician of irritation persists. Inhalation: Remove to fresh air. Administer oxygen or artificial respiration, if necessary. Call physician. Ingestion: If swallowed, do not induce vomiting unless directed by medical personnel Call physician immediately. Primary Route of Entry: Inhalation, ingestion, eyes & skin absorption.	Chemical Listed as a Carcinogen (or Potential Carcinogen): NTP: None I.A.R.C.: Ethyl Benzene (CAS 100-41-4) OSHA: Ethyl Benzene (CAS 100-41-4)



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SECTION 6 – REACTIVITY DATA

Stability: Stable at ambient temperatures and pressures.	Incompatibility: Strong acids or bases.
Hazardous Decomposition Products: Carbon monoxide and carbon dioxide.	Hazardous Polymerization: Will not occur.
Conditions to Avoid: Avoid excessive heat (>115° F) and sources of ignition.	

SECTION 7 - SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Small spill: Prevent further leakage or spillage if safe to do so. Eliminate ignition sources, provide ventilation, dike the spill area and add absorbent materials. Place in proper containers for disposal in accordance with federal, state and local regulations. Clean-up personnel should wear rubber gloves and respiratory protection. Do not contaminate water and avoid subsoil penetration.
Large Spill: Same as small spill.
Waste Disposal Method: This product may contain traces of benzene and may be classified as a hazardous waste (waste number(s) DO 18) under the EPA RCRA (40CFR 261.24). However this product is only classifiable as hazardous waste if it exhibits the characteristics of toxicity as shown by the toxicity characteristic leaching procedure (TCLP). Under RCRA, it is the responsibility of the end user of this product to determine whether it meets this criteria at the time of disposal.

SECTION 8 – SPECIAL PROTECTION

Respiratory Protection: If spraying this material or in absence of adequate ventilation, use NIOSH-Certified respiratory protection for organic vapor.	Eye Protection: Safety glasses with side shields
Protective Gloves: Impervious gloves are recommended to prevent skin contact.	Other Protective Equipment: Protective work clothing.
Ventilation: Provide adequate ventilation to maintain airborne concentrations below OSHA PELs.	



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SECTION 9 – SPECIAL PRECAUTIONS OR OTHER COMMENTS

Storage/Handling:

Store in cool, dry, well ventilated facility at temperatures below 115° F. Store and use away from all sources of direct heat and ignition. Protect against electrostatic charge. Keep containers closed when not in use. Do not cut, grind, weld or drill on or near this container.

Other Precautions:

Provide adequate ventilation and avoid prolonged or repeated contact with the skin. Wash with soap and water after contact.

Work/Hygienic Practices:

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

SECTION 10 - TRANSPORTATION

Regulatory Agency:

U.S.A., DOT, IMO

Identification Number:

UN 1133

Proper Shipping Name:

Adhesives, flammable

Labels Required:

Flammable Liquid

Hazard Classification:

3

Other Requirements:

**SARA reportable ingredients – Ethyl benzene (CAS 100-41-4) and Xylene (CAS 1330-20-7)
DOT Reportable Qty – Xylene (CAS 330-20-7) is 100 lbs and Ethyl benzene (CAS 100-41-4) is 1,000 lbs.**

Packing Group:

III

SECTION 11 – MISCELLANEOUS INFORMATION

Additional Comments:

This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

Date of Previous MSDS:

N/A

Changes Since Previous MSDS:

N/A

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.