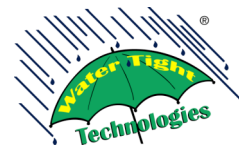




Water Tight Technologies, LLC
3815 River Crossing Parkway, Ste 100
Indianapolis, IN 46240



SECTION 1 – PRODUCT IDENTIFICATION

Product Name: Bonding Adhesive – Solvent Based (contact)	24 Hour Emergency Telephone Number: 800-424-9300 CHEMTREC
Chemical Name/Synonyms: Polychloroprene Based Adhesive	Manufacturer's Name: Water Tight Technologies
Chemical Family: Polychloroprene	Manufacturer's Address: 3815 River Crossing Parkway, Ste 100 Indianapolis, IN 46240
Chemical Formula: Not Established	NFPA Acute Hazard Rating: Health 2, Flammability 3, Reactivity 0 HMIS Acute Hazard Rating: Health 1, Flammability 0, Reactivity 0

SECTION 2 – CHEMICAL COMPOSITION

Ingredient Components (chemical names) Product	OSHA (1910.1200) Flammable	Case No. NA	OSHA STEL ND	OSHA PEL ND	ACGIH TLV ND
Acetone 19± 1		67-64-1	150 PPM	750 PPM	750PPM
Toluene 26± 2		108-88-3	150 PPM	150 PPM	150 PPM
Textile Spirits 33± 2 (Primarily Hexane)		110-54-3	NA	50 PPM	50 PPM

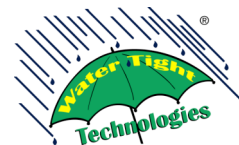
SECTION 3 – PHYSICAL & CHEMICAL CHARACTERISTICS

Appearance/Odor: Yellow amber liquid, strong aromatic odor.	Physical State: Liquid	Solubility in Water: Insoluble, (Soluble in hydrocarbon solvents)
Boiling Point: 131° – 288° F	Specific Gravity (HO=1) 0.825	Melting Point: NA
Vapor Pressure: @ 20° C: 9.5-185	Vapor Density (Air=1) 2.0-4.0	Freezing Point: Not Established
Percent Volatiles: @70° F: 78.1%	Evaporation Rate: Not Established	Reactivity in Water: NA
pH (Full Strength) NA	pH (Recommended Dilution): NA	Refraction Index: NA

Bonding Adhesive Solvent-Based 1/4
 March 21, 2007



Water Tight Technologies, LLC
3815 River Crossing Parkway, Ste 100
Indianapolis, IN 46240



SECTION 4- FIRE & EXPLOSION HAZARD DATA

Flash Point: - 18° C TCC	Flammable Limits (in air): LEL: 1.0; UEL: 12.8
Extinguishing Media: Water fog followed by standard fire extinguishers-course stream. Dry chemical and foam can also be used.	Fire Fighting Procedures: 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.
Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide, Oxides of Nitrogen, Sulfur Dioxide, and partially burned Carbon.	Special Fire & Explosion Hazards: Keep work areas free from open flames, sparks, hot metal surfaces and other sources of ignition. Ground objects prone to static electricity.
Method Used: TCC	Auto-Ignition Temperature: 870° F

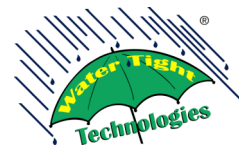
SECTION- 5 HEALTH HAZARD DATA

Permissible Exposure Limit: Not Established	Signs and Symptoms of Exposure:
Effects of Overexposure: Medical Conditions Aggravated By Exposure Toxic fumes may be released during fire. Exposure to fumes may aggravate pre-existing eye, lung, and skin conditions.	Dizziness, nausea or vomiting. Sensitive individuals may exhibit eye, nose, throat or dermal irritation with prolonged exposure to processing fumes or vapors.
Acute: Irritation to eyes, lungs, and mucous membranes	Chemical Listed as a Carcinogen (or Potential Carcinogen):
Chronic: Excess exposure can cause CNS depression, headache, nausea, narcosis, and liver and kidney damage.	National Toxicology Program: NO L.A.R.C. Monographs: NO OSHA: NO
Emergency & First Aid Procedures: Eye Contact: Flush with water and call physician Skin Contact: Clean with rubbing alcohol, followed by soap and water. Inhalation: Remove to fresh air. Administer oxygen or artificial respiration, if necessary. Call physician. Ingestion: Consult a Physician. DO NOT INDUCE VOMITING Primary Route of Entry: Inhalation.	

Bonding Adhesive Solvent-Based 2/4
 March 21, 2007



Water Tight Technologies, LLC
3815 River Crossing Parkway, Ste 100
Indianapolis, IN 46240



SECTION 6 – REACTIVITY DATA

Stability: Stable at ambient temperatures and pressures	Incompatibility: Strong oxidizers, acids, bases.
Hazardous Decomposition Products: Toxic gases or vapors, such as oxides of carbon and nitrogen along with trace of HCL may be released during a fire.	Hazardous Polymerization: NA
Conditions to Avoid: Open flames and sparks. Closed areas that restrict adequate ventilation.	

SECTION 7 - SPILL OR LEAK PROCEDURES

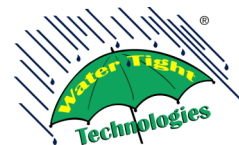
Steps to be taken in case material is released or spilled: Small spill: Absorb using inert material. Use non-sparking tools. Transfer into secure containers for proper disposal. Use personal protective equipment as outlined below.
Large Spill: Same as small spill.
Waste Disposal Method: Dispose of as a hazardous waste in accordance with EPA/RCRA regulations 40CFR261 21(a) (1) Ignitability: D001

SECTION 8 – SPECIAL PROTECTION

Respiratory Protection: Use NIOSH-Certified respiratory protection for organic vapor if necessary.	Eye Protection: Impervious glasses recommended
Protective Gloves: Impervious gloves are recommended to prevent skin contact.	Other Protective Equipment: Under normal application conditions, protective glasses, gloves, and clothing are adequate.
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. Store and use away from all sources of direct heat and ignition. Keep containers closed when not in use.

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. Wash contaminated clothing before reuse. 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

Labels Required:

Flammable Liquid

Hazard Classification:

3

Other Requirements:

49 CFR 172.101 Adhesives, UN1133, IMDG Class 3.2, Pg. 3174, Flash Point -18° C

Packing Group:

11

SECTION 11 – MISCELLANEOUS INFORMATION

Additional Comments:

None

Date of Previous MSDS:

August 2000

Changes Since Previous MSDS:

Comment change in sections: 1 thru 9
Add sections: 10,11

Telephone Number for Additional Information:

(574) 293-9096

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.