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

SECTION 1 - IDENTIFICATION

Trade Name: Seam Tape Primer
Product Item #: TPR1 (1 gallon can) and TPR1/4 (1 quart can)
Relevant Uses: Primer/Activator for seam tape used on EPDM roofing
Details of Supplier of SDS:

Water Tight Technologies, LLC
P.O. Box 899, Payson, AZ 85547
888-649-1020

Emergency Telephone Number: CHEMTREC – US: 800-424-9300; International: 703-527-3887

SECTION 2 – HAZARDS IDENTIFICATION

NFPA Rating (0=Least Severe and 4= Most Severe): Health 3; Flammability 3; Reactivity 0

Hazard Pictograms -


GHS02


GHS08


GHS07

Signal Work – DANGER

Hazard Statements:
Highly flammable liquid and vapor. (H225)
May be fatal if swallowed and enters airways.(H304)
Causes skin irritation. (H315)
May cause drowsiness or dizziness. (H336)

Precautionary Statements:
If medical advice is needed, have product container or label at hand.
Keep out of the reach of children.
Read label before use.
Keep away from heat/sparks/open flames/hot surfaces. No Smoking.
Store in well-ventilated location. Keep container tightly closed. Keep cool.
Ground/bond container and receiving equipment. Take precautionary measure against static discharge.
Use explosion proof electrical/ventilating/lighting equipment. Use only non-sparking tools.
Dispose of contents/container to approved disposal facility.
Avoid breathing dust/fumes/gas/mist/vapors/spray.
Wear suitable protective clothing, respirator, gloves and safety glasses.

First Aid:
IF SWALLOWED: Get medical advice/attention. Do NOT induce vomiting. Call a Poison Center of physician.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF ON SKIN/HAIR: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present, and continue rinsing.

Store locked-up in a cool location.
Dispose of contents/container in accordance with local/regional/national/international regulations.

In Case of Fire: Use NFPA Class B extinguishers. If water is used, use fog nozzles.

SECTION 3 – COMPOSITION AND INFORMATION ON HAZARDOUS INGREDIENTS

Chemical characterization: Mixtures
Description: Mixture of the substances listed below plus non-hazardous additions.

Dangerous components:

CAS#	Name/Description	Wt. % of Mixture
108-88-3	Toluene	90.79
110-54-3	Hexane	3.95

SECTION 4 – FIRST-AID MEASURES

General Information: Symptoms of poisoning may occur after several hours; therefore medical observation for at least 48 hours after the accident.

After Inhalation: Overexposure, remove to fresh air and keep at rest in a comfortable position. If breathing has stopped, begin CPR and call physician at once.
After Skin Contact: Remove all contaminated clothing. Wash with hand cleaner, followed by soap and water.
After Eye Contact: Flush with water for 15 minutes.
After Swallowing: Do not induce vomiting. Call physician or Poison Center at once. This product contains petroleum distillates.

Primary routes of entry: Inhalation and skin.

Personal Protection: ACGIH STEL: 50 PPM (American Conference for Governmental Industrial Hygienists)
Respiratory Protection: Ventilate to keep vapors below threshold limit values. NIOSH approved respirators for areas of concentrated vapors.
Eyes: Splash goggles for liquid products or safety glasses with side shields.
Gloves: Must be impervious to solvents.

SECTION 5 – FIRE-FIGHTING MEASURES

Flash point, tag closed cup: 40° F

General Hazard: Extremely flammable. May form combustible or explosive mixtures with air. Closed containers may explode if exposed to extreme heat. Vapors are heavier than air and may travel considerable distances to ignition sources and flashback.

Suitable extinguishing agents: NFPS Class B extinguishers (CO2, foam, dry chemical). Water spray may be ineffective but may be used to cool closed containers. If water is used, use fog nozzles.

Advice for Firefighters:
Protective equipment: Self-contained breathing apparatus. Full protective suit.

Combustible Products: Smoke, normal combustible products.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear protective equipment during emergency procedures. Keep unprotected persons away.

Methods and Materials for containment and cleaning up:
Remove all sources of ignition, ventilate area and remove material with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust) using non-sparking tools.

Dispose of contaminated material as waste in accordance with item 13 on this SDS.
Ensure adequate ventilation.
For water spill, use absorbent booms to dike area and minimize area of contamination.
Refer to other sections:
See Section 7 for information on safe handling.
See Section 8 for information on personal protection.
See Section 13 for disposal information.

SECTION 7 – HANDLING AND STORAGE

Handling:
Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care.
Information about protection against explosion and fires:
Keep ignition sources away. No not smoke.
Protect against electrostatic charges.
Storage:
Store in a cool location away from direct heat. Store as flammable liquid.
Keep container tightly sealed.
Store in cool, dry conditions in well-sealed receptacles.
Keep away from heat, sparks and open flames. DO NOT STORE ABOVE 120°F.
This product may form an ignitable vapor/air mixture in closed tanks or containers. Containers should be grounded when pouring. Avoid free fall of liquids. Do not cut, braze or weld container.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with limit values that require monitoring at the workplace	ACGIH TLV – 8 Hr./ TWA
Toluene CAS# 108-88-3	20 ppm
Hexane CAS# 110-54-3	50 ppm

Additional information: The lists that were valid during the creation were used as basis.

General protective and hygienic measures:
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.

Respiratory protection: In case of brief exposure or low pollution use respiratory filter device. Use NIOSH approved respirator for areas of concentrated vapors.
Protection of hands: Impermeable protective gloves, which are impermeable to the product/the substance/the preparation.
Eye protection: Safety glasses with side shields or tightly sealed goggles.
Body protection: Protective work clothing.

Engineering Controls: Local Exhaust if preferable. Mechanical exhaust is acceptable (use only Class I Group D approved devices).

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Form:	Liquid
Color:	Neutral
Odor:	Characteristic hydrocarbon solvent

Change in condition:		
	Freezing Point:	-95° C (-139° F)
	Boiling Point:	109-110°C (228-231° F)
Flash Point (Tag Closed Cup):		4.4°C (40°F)
Auto Ignition Temperature:		536.1°C (997° F)
Explosive/Flammable Limits:		
	LEL:	1.2 Vol. %
	UEL:	7.0 Vol. %
Vapor Pressure at 20°C (68°F):		24 hPa
Specific Gravity:		0.865
Solubility in/Miscibility with Water:		Not miscible or difficult to mix.
VOC content :		819.8 grams / liter
Vapor Density:		3.0 (Air =1)
Evaporation Rate (nBuAc=1):		1.9
Density (in lbs.):		7.22

SECTION 10 – STABILITY AND REACTIVITY

General: This product is stable and hazardous polymerization will not occur.
Incompatible materials and conditions to avoid: Avoid strong oxidizing agents. Avoid all sources of ignition. Vapors are heavier than air and may travel a considerable distance to an ignition source and flashback.

Hazardous decomposition products: None

SECTION 11 – TOXICOLOGICAL INFORMATION

Not identified as a carcinogen by NTP, IARC or OSHA

Health Effects: Likely route of exposure are skin absorption and inhalation.
Delayed and immediate chronic effects from short and long-term exposure:
Skin: dry skin, dermatitis, de-fatting of the skin with chapping and cracking.
Inhalation: Inebriation, followed by headache and nausea. Dizziness, convulsions and unconsciousness in severe cases. Anorexia and nervousness may persist for several months following acute overexposure.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxical effects: Unknown

Other adverse effects:
No further relevant information available.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste treatment methods:
This material is considered a hazardous waste for disposal purposes. See 40 CFR Part 261.7 for further information concerning the disposition of empty containers. Hazardous waste may not be landfilled! Refer to 40 CFR part 261 subpart C for definitions of hazardous waste.

Uncleaned packagings:
Recommendation: disposal must be made according to official regulations.

SECTION 14 – TRANSPORTATION INFORMATION

UN-Number – DOT:	UN1133
UN proper shipping name – DOT:	Adhesives
Transport hazard class(es) – DOT:	3 Flammable liquids 
Packing group – DOT:	II
Packaging references:	49 CFR 172.101 adhesives containing a flammable liquid
Exceptions:	173.150
Emergency Response Guide:	128

SECTION 15 – REGULATORY INFORMATION

OSHA Status:	Hazardous
CERCLA Reportable Quantity:	None

SARA Title III:

Section 302(extremely hazardous substances):	No ingredients listed
Section 311:	Yes
Section 312:	Yes
Section 313:	Contains 94.74% toluene/hexane; reportable Section 313 chemicals.

RCRA Status: If discarded in its purchased form, this product is a RCRA hazardous waste. It is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or residue of the product remains classified a hazardous waste as per 40 CFR 261, subpart C. State or local regulations may also apply if they differ from the federal regulation.

TSCA Status: All materials contained in this product are TSCA listed.
Canadian Status: All materials contained in this product are listed on the Canadian Domestic Substances List.
European Union Status: All materials contained in this product are listed on EINECS

SECTION 16 – OTHER INFORMATION

The information herein is presented in good faith and believed to be correct as of the date hereof. Information is based upon supplier-issued safety data sheets and may be subject to error. If apprised of changes, updated SDS will be promptly issued. Users must make their determination regarding the suitability of the product for their own purposes prior to use. In no event will Water Tight Technologies, LLC be responsible for damages of any nature whatsoever resulting from the use or reliance on the information set forth in the SDS.

Approval Date:	3-5-2015
Supersedes Date:	March 2010
Reason for revision:	New SDS format