



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



SECTION 1 - IDENTIFICATION

Trade Name: BRITE-n-EZ® TPO Tape Primer/Activator
Product Item #: TPA1
Relevant Uses: Clear Primer/Activator for seam tape and all tape products used on BRITE-n-EZ TPO 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 = 2; Fire = 3; Reactivity = 0

Label Elements:



GHS02



GHS08



GHS07

Hazard Pictograms -

Signal Word – DANGER

Hazard Statements:

Highly flammable liquid and vapor. (H225)
May cause cancer. (H350)
Suspected of damaging fertility or the unborn child. (H361)
May cause damage to organs through prolonged or repeated exposure. (H373)
May be fatal if swallowed and enters airways. (H304)
Causes skin irritation. (H315)
May cause an allergic skin reaction. (H317)
May cause drowsiness or dizziness. (H336)
Harmful if inhaled or swallowed. (H333)
Causes serious eye irritation. (H319)

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.
Wear protective clothing, gloves and eye safety glasses.
Keep away from heat/sparks/open flames/hot surfaces. No Smoking.
Do not use in areas without proper ventilation.
Keep container tightly closed. Keep cool.
Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
Wash hand thoroughly after handling.
Store locked up in a cool location.

First Aid:

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.
IF ON SKIN/HAIR: Remove/Take off immediately all contaminated clothing. Rub in Ca-gluconate gel or solution immediately.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses and continue rinsing. Consult doctor.
IF INHALED: Over exposure, remove to fresh air and seek medical attention.



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



Dispose of contents/container in accordance with local/regional/national/international regulations.

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	% of Mixture
108-88-3	Toluene	25-50%
6742-89-8	Solvent naphtha (petroleum), light apilh. (VM&P)	25-50%

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 seek medical attention. If required, provide artificial respiration. If breathing is difficult, give oxygen and call a doctor immediately.

After Skin Contact: Take off clothes. Wash with soap & water. Rinse affected are with clean water for 15 minutes.

After Eye Contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

After Swallowing: Seek medical treatment immediately. Call a poison control center or physician. Remove any dentures. Wash out mouth with clean water and drink 1 – 2 glasses of water but do not induce vomiting. If vomiting occurs the head should be kept low to prevent vomit from entering lungs. If unconscious, place in a recovery position and get immediate medical attention.

SECTION 5 – FIRE-FIGHTING MEASURES

Extinguishing Media:

Suitable extinguishing agents: CO₂, sand, extinguishing powder. **Do not use water.**

For safety reasons **unsuitable** extinguishing agents: Water with full jet.

Advice for Firefighters:

Protective equipment: Mouth respiratory protective device. Fully protective suit.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

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

Environmental Precautions:

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow product to reach sewage system or any water course.

Methods and Materials for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of contaminated material as waste in accordance with item 13 on this SDS. Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents.

Refer to other sections:

See Section 7 for information on safe handling.



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



See Section 8 for information on personal protection.
 See Section 13 for disposal information.

SECTION 7 – HANDLING AND STORAGE

Handling: Use good safety and industrial hygiene practices, do not eat or drink in areas where this product is being handled, stored or processed. Suggested to wear protective gloves. Wash hands after handling. Keep Out of the Reach of Children. Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care. Do not use air pressure to unload containers. Keep container tightly closed. Do not breath vapors or spray mist.

Information about protection against explosion and fires: Use explosion prof equipment. Keep away from all ignition sources. Do not smoke. Bond and ground containers. Use only non-sparking tools. Protect against electrostatic charges. Keep respiratory protective device available.

Storage: Store in a cool location away from direct heat. Store as flammable liquid. Store in a secure location away from all incompatible material and food and drink. Keep container tightly sealed.

Eliminate all ignition sources, separate from oxidizing materials. Store containers upright to prevent spillage and do not store in unlabeled containers.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with limit values that require monitoring at the workplace:

108-88-3 toluene	
PEL	LTV:200 ppm; CLV: 300: 500*ppm
REL	STV: 560 mg/m ³ , 150 ppm; LTV: 375 mg/m ³ , 100 ppm
TLV	LTV: 75 mg/m ³ , 20 ppm BEI
108-88-3 toluene – Biological limit values	
BEI	0.02 mg/L; Medium: Blood; Time: Prior to last shift of work week; Parameter: Toluene
	0.03 mg/L; Medium: Urine; Time: end of shift; Parameter: Toluene
	0.3 mg/g; Medium: Urine; Time: end of shift; Parameter: 0-Cresol with hydrolysis (bkgrd)

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.
- Store protective clothing separately.

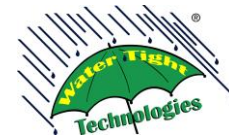
Respiratory protection: Use approved respiratory protection equipment when airborne exposure is excessive. Consult the respirator manufacturer to determine the appropriate type of equipment for a given application. Observe respirator use limitations specified by the manufacturer.

Protection of hands: The glove material must be impermeable and resistant to the product/the substance and the preparation.

Eye protection: Safety glasses with side shields should be worn. If splashes are likely to occur, wear goggles or a full-face mask. Do not wear contact lenses. Eye wash stations and safety showers should be close to workstation.



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



Skin & body protection: Wear solvent resistant apron and boots, material should be antistatic and flame resistant.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Form:	Liquid
	Color:	Translucent/off-white
	Odor:	Solvent like
Change in condition:		
	Melting Point:	Undetermined
	Boiling Point:	85°C (185° F)
Flash Point:		-7.8°C (18°F)
Ignition Temperature:		215°C (419° F)
Auto igniting:		Product is not self-igniting
Danger of explosion:		Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
Flammable Limits:		
	Lower:	1.2 Vol. %
	Upper:	7.0 Vol. %
Vapor Pressure at 20°V (68°F):		29 hPa (22 mm Hg)
Specific Gravity:		0.8 g/cm ³
Solubility in/Miscibility with Water:		Not miscible or difficult to mix.
Solvent content – Organic solvents:		83.5%
Solids content:		15%
Other information:		
	Weight per gallon:	6.6 lbs/gal

SECTION 10 – STABILITY AND REACTIVITY

General: Stable under normal temperatures and pressures. Avoid heat, open flames and sparks. Do not allow vapor to accumulate in low or confined areas. Do not pressurize, cut, weld, braze, drill or grind on containers. Avoid situations conducive to the build-up of static electricity.

Incompatible materials: Acids, aldehydes, alkalis, amines, ammonia, oxidizing agents.

Hazardous decomposition products: Oxides of carbon, nitrogen and hydrocarbons, hydrogen bromide (thermal degradation products). Hydrocarbons.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity:

LD/LC50 values that are relevant for classification:

108-88-3 toluene:

Oral LD50 – 5000 mg/kg (rat)

Dermal LD50 – 12124 mg/kg (rabbit)

Inhalative LC50/4 h – 5320 mg/l (mouse)



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



Primary irritant effect: Skin irritant. Vapors may be irritating to the eyes. No sensitizing effects known.

Carcinogenic categories: The IARC (International Agency for Research on Cancer) lists CAS# 108-88-3 (toluene) as having carcinogenic effects.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxic effects: Very toxic to fish. No other relevant information available.

General Notes:

Do not allow product to reach ground water; water course or sewage system.
 Danger to drinking water if even small quantities leak into the ground.
 Harmful to aquatic organisms
 Water hazard class 2(self-assessed): hazardous for water.

Other adverse effects:

No further relevant information available.

SECTION 13 – DISPOSAL CONSIDERATIONS


Waste treatment methods:

Recommendation – The generation of waste should be avoided or minimized whenever and wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental and waste disposal legislation and all local, regional and federal authority requirements. Dispose of surplus and non-recyclable products thru a licensed waste disposal contractor. Waste should not be allowed to enter streams, lakes, sewer systems or open waterways. Waste packaging should be recycled. This material and its containers that have not been cleaned or rinsed out may contain product residues or vapors that are highly flammable and may explode. Do not cut, weld or grind containers. Must not be disposed of together with household garbage. Any contaminated cleaning materials used with this product must be properly disposed and treated as flammable material unless they have been thoroughly washed and clean of any product or residue.

Uncleaned packaging:

Recommendation: disposal must be made in compliance with local state, regional and federal regulations.

SECTION 14 – TRANSPORTATION INFORMATION

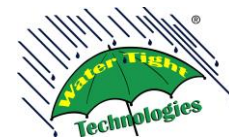
UN-Number – DOT:	UN1133	
UN proper shipping name – DOT:	Adhesives	
Transport hazard class(es) – DOT:	3 Flammable liquids	
Packing group – DOT:	II	
Environmental hazards:	No	
Special precautions for user:	Warning: Flammable liquids	
UN “Model Regulation”:	UN1133, Adhesives, ENVIRONMENTALLY HAZARDOUS, 3, II	

SECTION 15 – REGULATORY INFORMATION

SARA Title III:



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



Section 355 (extremely hazardous substances): No ingredients listed

Section 313 (specific toxic chemical listing): 108-88-3 toluene

Canada Domestic Substance List:

All components of this product are on the Canada Domestic Substance list (DSL) or are exempt from DSL requirements.

Proposition 65: CAS# 108-88-3 (toluene) is known to cause reproductive toxicity.

National regulations:

Water hazard class: Water hazard class 2 (Self-assessment): hazardous for water.

Use by properly trained workers.

Refer to Section of this Data Sheet to see OSHA and EPA limitation and monitoring requirements.

TSCA (Toxic Substances Control Act): All components of this product are exempt from TSCA inventory requirements.

Chemical safety assessment: A chemical safety assessment has not been carried out.

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: 4/1/2023

Supersedes Date: 3/15/2008

Reason for revision: Slight formulation change and updating of format.