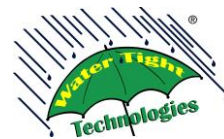




Water Tight Technologies, LLC  
P.O. Box 899  
Payson, AZ 85547



## SECTION 1 - IDENTIFICATION

Trade Name: Rubber to Rubber Adhesive  
Product Item #: RRA1 (1 gallon pail)  
Relevant Uses: Adhesive  
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:

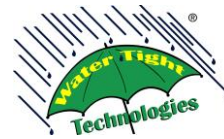
Highly flammable liquid and vapor. (H225)  
May cause allergy or asthma symptoms or breathing difficulties if inhaled. (H334)  
Suspected of damaging fertility or the unborn child. (H361)  
May cause damage to organs through prolonged or repeated exposure. (H373)  
May be fatal if swallowed and enters 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)  
Harmful to aquatic life with long lasting effects. (H412)

### Classification according to Directive 67/548/EEC or Directive 1999/45/EC:

Harmful by inhalation. Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
Harmful: may cause lung damage if swallowed.  
Irritant: Irritating to skin.  
Highly Flammable  
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
This classification is according to the latest editions of the EU-lists, and extended by company and literature data.

### 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.  
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.  
Wear suitable protective clothing, gloves and safety glasses.



**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.

Store locked-up in a cool location.

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	52%
110-54-3	n-hexane	14%
1330-20-7	Xylene	5%
N/A	Polyisocyanate	1.8%

**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.

**After Skin Contact:** Take off clothes. Wash with water. Rub in Ca-gluconate solution or Ca-gluconate gel.

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

**After Swallowing:** Seek medical treatment immediately. Do NOT induce vomiting.

**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:** 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.  
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.

**SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Components with limit values that require monitoring at the workplace:**

108-88-3 toluene (50-100%)	
EL	20 ppm
	R
EV	20 ppm
110-54-3 n-hexane (5-20%)	
EL	20 ppm
	Skin
EV	176 mg/m <sup>3</sup> , 50 ppm
1330-20-7 xylene (2.5-10%)	
EL	Short-term value: 150 ppm
	Long-term value: 100 ppm
EV	Short-term value: 650 mg/m <sup>3</sup> , 150 ppm
	Long-term value: 435 mg/m <sup>3</sup> , 100 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. In case of intensive or longer exposure, use self-contained respiratory protective device.



**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.

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:**

Form: Liquid  
Color: Black  
Odor: Characteristic

**Change in condition:**

Melting Point: Undetermined  
Boiling Point: 103°C (217° F)

**Flash Point:**

-17°C (1.4°F)

**Ignition Temperature:**

240.0°C (464° 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: 7.4 Vol. %

**Vapor Pressure at 20°V (68°F):**

160.0 hPa

**Specific Gravity:**

0.88

**Solubility in/Miscibility with Water:**

Not miscible or difficult to mix.

**Solvent content – Organic solvents:**

71%

**Solids content:**

29%

**Other information:**

Weight per gallon: 8.0 lbs.

**SECTION 10 – STABILITY AND REACTIVITY**

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**Possibility of hazardous reactions:** No relevant information is available.

**Hazardous decomposition products:** Oxides of carbon and nitrogen; trace amount of cyanides under burning conditions.

**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)

**Primary irritant effect:**

- On skin: Irritant to skin and mucous membranes.
- On the eye: Irritating effects.
- Sensitization: Sensitizing effect through inhalation is possible with prolonged exposure.

**Additional toxicological information:**

This product shows the following dangers according to internally approved calculation methods for preparations:  
Harmful; Irritant

**SECTION 12 – ECOLOGICAL INFORMATION**

**Ecotoxic effects:** Harmful 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 leaks into the ground.
- Harmful to aquatic organisms
- Water hazard class 2 (German Regulation)(self-assessed) : hazardous for water.

**Other adverse effects:**

No further relevant information available.

**SECTION 13 – DISPOSAL CONSIDERATIONS**

**Waste treatment methods:**

Recommendation – Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**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

Environmental hazards: No

Special precautions for user: Warning: Flammable liquids

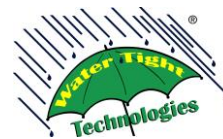
UN “Model Regulation”: UN1133, Adhesives, ENVIRONMENTALLY HAZARDOUS, 3, II

**SECTION 15 – REGULATORY INFORMATION**

**SARA Title III:**

Section 355(extremely hazardous substances): No ingredients listed

Section 313(specific toxic chemical listing): 110-54-3 n-hexane



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.

**Labeling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives/Ordinances on Hazardous Materials.

Code letter and hazard designation of product: Harmful. Highly Flammable

Hazard determining components of labelling: n-hexane; Toluene

Risk Phrases: Highly Flammable. Harmful by inhalation. Irritating to skin. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed.

Safety Phrases: Keep out of the reach of children. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection points.

**National regulations:**

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

Technical instructions (air):

Class	Share in %
I	14.0
NK	57.0

**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: 5/15/2018

Supersedes Date: 5/15/15

Reason for revision: Correct typographic error, expand on warnings & first aid actions.