



# SAFETY DATA SHEET

## Alpha-Tite™ Adhesive

Rev. Date: 01 Sep 2020

### SECTION 1. PRODUCT & COMPANY INFORMATION

**Product Name:** Alpha-Tite™ Adhesive

**Recommended Use:** Roofing adhesive

**Manufacturer:** SEAMAN CORPORATION  
1000 Venture Blvd.  
Wooster, OH 44691 USA  
PHONE: (330) 262-1111  
www.seamancorp.com

**24-HR EMERGENCY (Chemtrec)**  
**U.S./Canada: (800) 424-9300**  
**International: +1 703 527-3887**

### SECTION 2. HAZARDS IDENTIFICATION

**Pictograms:**



**Signal Word:** DANGER

**GHS Classification:**

Flammable Liquid – Category 2  
Eye Irritant – Category 2A  
Skin Irritant – Category 2  
Reproductive Toxicant – Category 2  
Aspiration Hazard – Category 1  
Specific Target Organ Toxicity (Single Exposure) – Category 3  
Specific Target Organ Toxicity (Repeated Exposure) – Category 2

**Hazard Statements:**

H225 Highly flammable liquid and vapor.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H361 Suspected of damaging fertility or the unborn child.  
H336 May cause drowsiness or dizziness.  
H373 May cause damage to organs through prolonged or repeated exposure.

**Prevention:**

P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 Keep container tightly closed.  
P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof electrical equipment.  
P242 Use non-sparking tools.  
P243 Take action to prevent static discharges.  
P260 Do not breathe vapors.  
P264 Wash hands thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves and eye protection.

**Response:**

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
P302 + P352 IF ON SKIN: Wash with plenty of water.  
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.  
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308 + P313 IF exposed or concerned: Get medical advice/attention.  
P312 Call a POISON CENTER or doctor if you feel unwell.  
P331 Do NOT induce vomiting.  
P332 + P313 If skin irritation occurs: Get medical advice/attention.  
P337 + P313 If eye irritation persists: Get medical advice/attention.  
P362 + P364 Take off contaminated clothing and wash it before reuse.  
P370 + P378 In case of fire: Use CO2 or foam to extinguish.

**Storage:**

P403 + P233 (+P235) Store in a well-ventilated place. Keep container tightly closed. Keep cool.  
P405 Store locked up.

**Disposal:**

P501 Dispose of contents/container in accordance with local/regional/national regulations

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**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

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<u>Hazardous Components</u>	<u>CAS No.</u>	<u>% by weight</u>
Acetone	67-64-1	50-75
Methyl Ethyl Ketone	78-93-3	2.5-10
Toluene	108-88-3	<2.5
p-Chlorobenzotrifluoride	98-56-6	<2.5

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**SECTION 4. FIRST AID MEASURES**

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**Inhalation:** Move to fresh air. Seek medical attention if symptoms persist.  
**Skin Contact:** Wash exposed skin with soap and water. Do not use solvents or thinners. If irritation develops or persists, seek medical attention.  
**Eye Contact:** Flush eyes with plenty of water for at least 15 minutes. Seek medical attention.  
**Ingestion:** Seek medical attention. Do not induce vomiting.

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**SECTION 5. FIRE FIGHTING MEASURES**

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**Flammable Properties:** Material is highly flammable. Likely to catch fire from nearby spark. Static charge may accumulate.

**Suitable Extinguishing Media:** alcohol resistant foam, CO2, powders, water spray

**Products of Combustion:** Fire will produce dense black smoke. Carbon monoxide and carbon dioxide may be produced from decomposition.

**Protection of Firefighters:** Firefighters should wear self-contained breathing apparatus and full fire-fighting turnout gear. No special procedures are expected to be necessary for this product.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Use personal protection recommended in Section 8.  
**Environmental Precautions:** No special procedures necessary  
**Methods for Containment:** No special procedures necessary  
**Methods for Clean-up:** No special procedures necessary

**SECTION 7. HANDLING AND STORAGE**

**Handling:** Use protective equipment recommended in Section 8. Use only in well ventilated area. Eliminate any source of ignition. Ground and bond all equipment when handling. Any electrical equipment used around vapors should meet the applicable requirements of the local electrical code. Wash hands after contact.

**Storage:** Storage temperature 60°F to 95°F (15°C to 35°C). Shelf life one year from manufacture date. Keep away from oxidizing agents and strongly acid or strongly alkaline materials. Avoid heating or direct sunlight. Material will evaporate quickly.

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

**EXPOSURE GUIDELINES**

COMPONENT	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	COMMENTS
Acetone (67-64-1)	1000 ppm (2400 mg/m <sup>3</sup> ) TWA	500 ppm (1187 mg/m <sup>3</sup> ) TWA; 750 ppm (1780 mg/m <sup>3</sup> ) STEL	-	
Methyl Ethyl Ketone (78-93-3)	200 ppm (590 mg/m <sup>3</sup> ) TWA	200 ppm (590 mg/m <sup>3</sup> ) TWA; 300 ppm (885 mg/m <sup>3</sup> ) STEL	200 ppm (590 mg/m <sup>3</sup> ) TWA; 300 ppm (885 mg/m <sup>3</sup> ) STEL	
Toluene (108-88-3)	200 ppm (590 mg/m <sup>3</sup> ) TWA; 300 ppm STEL	20 ppm TWA	-	
p-Chlorobenzotrifluoride (98-56-6)	-	-	-	None established

**PERSONAL PROTECTIVE EQUIPMENT**

**Engineering Controls:** Provide local exhaust ventilation  
**Eye/Face:** Wear safety glasses  
**Skin:** Wear chemical resistant protective gloves  
**Respiratory:** If exposure limits are exceeded, NIOSH approved respiratory protection must be provided  
**General Hygiene:** Wash hands with soap and water after handling material.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b> Light amber liquid	<b>Odor:</b> Solvent (ketone)
<b>Odor threshold:</b> Not available	<b>pH:</b> Not available
<b>Melting/Freezing Point:</b> -95°C	<b>Boiling Point:</b> 56°C (133°F)
<b>Flash Point:</b> -18°C (0.4°F)	<b>Evaporation Rate:</b> Not available
<b>Flammability:</b> Category 2	<b>LFL/UFL:</b> 2.6% / 13%
<b>Vapor Pressure:</b> 174.8 mmHg	<b>Vapor Density:</b> Greater than air
<b>Relative Density:</b> 0.882 (7.36 lb/gal)	<b>Solubility:</b> Slight in water
<b>Partition Coefficient K<sub>ow</sub>:</b> Not available	<b>Auto-Ignition Temp.:</b> 465°C (869°F)

**Decomposition Temp.:** Not applicable

**Viscosity:** Not available

VOC Content: 200 g/L (EPA Method 24)

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## SECTION 10. STABILITY AND REACTIVITY

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**Chemical Stability:** Stable at recommended storage and handling conditions  
**Conditions to Avoid:** Sources of ignition  
**Incompatible Materials:** Oxidizing agents, strong acids, strong bases  
**Hazardous Decomposition:** Carbon monoxide, carbon dioxide  
**Hazardous Reactions:** Will not occur

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## SECTION 11. TOXICOLOGY INFORMATION

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### POTENTIAL HEALTH EFFECTS:

**Summary:** Material is flammable, irritating to eyes and skin, can cause dizziness/drowsiness  
**Inhalation:** May cause dizziness and/or drowsiness, headaches, and irritation of the lungs  
**Skin Contact:** Drying of skin and dermatitis may occur  
**Eye Contact:** May cause irritation, redness, and burning; vapors may also cause irritation  
**Ingestion:** Irritation of gastrointestinal tract, large quantities may have toxic effects  
**Target Organs:** Central nervous system, skin, eyes, liver, kidneys

### ACUTE TOXICITY

**General Information:** In high concentration the material is irritating to the mucous membranes, can induce a narcotic effect, and cause loss of coordination and reaction.

**Component Analysis:**

Acetone (67-64-1):

Oral LD50 Rat: >5000 mg/kg  
Dermal LD50 Rabbit: >15700 mg/kg  
Inhalation (rat): 32000 mg/m<sup>3</sup> (4-hr dose)

Methyl Ethyl Ketone (78-93-3):

Oral LD50 Rat: >2737 mg/kg  
Dermal LD50 Rabbit: 5000 to 13000 mg/kg  
Inhalation (rat): 23500 mg/L (8-hr dose)

Toluene (108-88-3):

Oral LD50 Rat: 636 mg/kg  
Dermal LD50 Rabbit: 14100 mg/kg  
Inhalation (mouse): 440 mg/L (24-hr dose)

p-Chlorobenzotrifluoride (98-56-6):

Oral LD50 Rat: >6800 mg/kg  
Dermal LD50 Rabbit: >2700 mg/kg  
Inhalation (rat): 4479 ppm

### CARCINOGENICITY

**General Information:** This product is not classified as a carcinogen or potential carcinogen by OSHA, NTP, ACGIH, or IARC. No specific data available.

**Component Analysis:**

Toluene (108-88-3):

IARC: 3 – Unclassifiable as to Carcinogenicity in Humans  
ACGIH: A4 – Not classifiable as a Human Carcinogen

### CHRONIC TOXICITY

No data is available on mutagenicity, reproductive effects, or developmental effects.

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## SECTION 12. ECOLOGICAL INFORMATION

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This product contains components that will normally float on water. These components may be harmful to aquatic organisms and may cause long term effects in the aquatic environment.

Do not empty into drains or waterways.

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### SECTION 13. DISPOSAL CONSIDERATIONS

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Dispose of waste in accordance with Federal, State, and local environmental control regulations. This material may be classified as hazardous under the Resource Conservation and Recovery Act. (40 CFR 261)

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### SECTION 14. TRANSPORTATION INFORMATION

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This product is hazardous for transportation.

Shipping Name: Adhesives (contains toluene, acetone)

Class: 3      Packing Group: II      ID No.: UN1133      ERG: 128

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### SECTION 15. REGULATORY INFORMATION

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SARA Title III:                      Health:              Acute YES              Chronic YES              EHS NO  
Physical:                      Fire YES              Reactivity NO              Pressure NO

SARA 313 (TRI):                      This product contains the following chemicals subject to reporting under Superfund Amendments Reauthorization Act, Title III, Section 313 (Toxic Release Inventory):

<u>Component</u>	<u>% by weight</u>
Toluene (CAS# 108-88-3)	<2.5 %

California Proposition 65:



**WARNING:** This product can expose you to Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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### SECTION 16. OTHER INFORMATION

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The data in this Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. No warranty of merchantability or any other warranty, expressed or implied, is given. In no case shall the information provided herein be considered a part of the terms and conditions of sale. Seaman Corporation assumes no obligation or liability for the information given or results obtained. All materials may present unknown hazards and should be used with caution. Final determination of suitability of any material is the sole responsibility of the user.

For questions related to the safety of this product, e-mail [msds@seamancorp.com](mailto:msds@seamancorp.com) or call (330) 262-1111

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1000 VENTURE BLVD. ▪ WOOSTER, OHIO 44691  
PHONE: (330) 262-1111 ▪ FAX: (330) 263-6950 ▪ [www.seamancorp.com](http://www.seamancorp.com)