



## Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 08/16/2019

Reviewed on 08/16/2019

### 1 Identification

- **Product Identifier**
- **Trade Name: Stamp Shield**
- **Relevant identified uses of the substance or mixture and uses advised against:**
- **Product Description:** No further relevant information available.
- **Details of the Supplier of the Safety Data Sheet:**
- **Manufacturer/Supplier:**  
Trinic LLC.  
40 Grosset Drive, Suite 200  
Kirkwood, NY 13795  
www.TRINIC.us  
800-475-1975 – Toll Free (US Only)
- **Emergency telephone number:**  
Chemtrec (US): (800) 424-9300  
Chemtrec (Outside US): (703) 527-3887 (Collect calls accepted)

### 2 Hazard(s) Identification

- **Classification of the substance or mixture:**



Flame

Flam. Liq. 2 H225 Highly flammable liquid and vapor.



Eye Irrit. 2A H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

- **Label elements:**
- **Hazard pictograms:**



- **Signal word:** Danger
- **Hazard-determining components of labeling:**  
Acetone
- **Hazard statements:**  
H225 Highly flammable liquid and vapor.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

- **Precautionary statements:**  
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P240 Ground/bond container and receiving equipment.  
P241 Use explosion-proof electrical/ventilating/lighting/equipment.  
P242 Use only non-sparking tools.  
P243 Take precautionary measures against static discharge.  
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.  
P264 Wash thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.

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- P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 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.  
 P312 Call a poison center/doctor if you feel unwell.  
 P337+P313 If eye irritation persists: Get medical advice/attention.  
 P370+P378 In case of fire: Use for extinction: CO<sub>2</sub>, powder or water spray.  
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
 P403+P235 Store in a well-ventilated place. Keep cool.  
 P405 Store locked up.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

#### · **Unknown acute toxicity:**

This value refers to knowledge of known, established toxicological or ecotoxicological values.  
 8 % of the mixture consists of component(s) of unknown toxicity.

#### · **Classification system:** NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme

#### · **NFPA ratings (scale 0 - 4)**



#### · **HMIS-ratings (scale 0 - 4)**

HEALTH	2	Health = 2
FIRE	3	Fire = 3
REACTIVITY	0	Physical Hazard = 0

#### · **Hazard(s) not otherwise classified (HNOC):** None known

### 3 Composition/Information on Ingredients

#### · **Chemical characterization: Mixtures**

#### · **Description:** Non-Regulated Material

#### · **Dangerous Components:**

CAS: 67-64-1	Acetone	40-60%
RTECS: AL 3150000	⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2A, H319; STOT SE 3, H336	
CAS: 540-88-5	tert-butyl acetate	15-35%
RTECS: AF 740000	⚠ Flam. Liq. 2, H225	
CAS: 28262-63-7	Acrylic Resin	2-12%
	Combustible Dust	

#### · **Additional information:**

The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of 29 CFR 1910.1200 Trade Secrets.

### 4 First-Aid Measures

#### · **Description of first aid measures**

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

#### · **After skin contact:**

Wash with soap and water.

If skin irritation occurs, consult a doctor.

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**· After eye contact:**

Rinse opened eye for at least 15 minutes under running water. If symptoms persist, consult a doctor.

If easy to do so, remove contact lenses if worn.

If eye irritation occurs, consult a doctor.

**· After swallowing:** If swallowed and symptoms occur, consult a doctor.**· Information for doctor****· Most important symptoms and effects, both acute and delayed:** No further relevant information available.**· Indication of any immediate medical attention and special treatment needed:**

No further relevant information available.

### 5 Fire-Fighting Measures

**· Extinguishing media****· Suitable extinguishing agents:** CO<sub>2</sub>, sand, extinguishing powder. Do not use water.**· For safety reasons unsuitable extinguishing agents:** Water with full jet**· Special hazards arising from the substance or mixture:** No further relevant information available.**· Advice for firefighters****· Special protective equipment for firefighters:**

As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

### 6 Accidental Release Measures

**· Personal precautions, protective equipment and emergency procedures:**

Wear protective equipment. Keep unprotected persons away.

**· Environmental precautions:** Do not allow to enter sewers/surface or ground water.**· Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

Dispose of the collected material according to regulations.

**· Reference to other sections:**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

**· Protective Action Criteria for Chemicals****· PAC-1:**

67-64-1	Acetone	200 ppm
540-88-5	tert-butyl acetate	600 ppm

**· PAC-2:**

67-64-1	Acetone	3200* ppm
540-88-5	tert-butyl acetate	1,700 ppm

**· PAC-3:**

67-64-1	Acetone	5700* ppm
540-88-5	tert-butyl acetate	10,000 ppm

### 7 Handling and Storage

**· Handling****· Precautions for safe handling:**

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

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- **Information about protection against explosions and fires:**  
Keep ignition sources away - Do not smoke.  
Protect from heat.  
Protect against electrostatic charges.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Keep receptacle tightly sealed.  
Store in cool, dry conditions in well sealed receptacles.  
Protect from heat and direct sunlight.
- **Specific end use(s):** No further relevant information available.

### 8 Exposure Controls/Personal Protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters:**
- **Components with occupational exposure limits:**  
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.  
At this time, the remaining constituents have no known exposure limits.

#### 67-64-1 Acetone

PEL	Long-term value: 2400 mg/m <sup>3</sup> , 1000 ppm
REL	Long-term value: 590 mg/m <sup>3</sup> , 250 ppm
TLV	Short-term value: 1187 mg/m <sup>3</sup> , 500 ppm Long-term value: 594 mg/m <sup>3</sup> , 250 ppm BEI

#### 540-88-5 tert-butyl acetate

PEL	Long-term value: 950 mg/m <sup>3</sup> , 200 ppm
REL	Long-term value: 950 mg/m <sup>3</sup> , 200 ppm
TLV	Short-term value: 712 mg/m <sup>3</sup> , 150 ppm Long-term value: 238 mg/m <sup>3</sup> , 50 ppm

- **Ingredients with biological limit values:**

#### 67-64-1 Acetone

BEI	50 mg/L urine end of shift Acetone (nonspecific)
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- **Additional information:** The lists that were valid during the creation of this SDS were used as basis.
- **Exposure controls:**
- **Personal protective equipment**
- **General protective and hygienic measures:**  
The usual precautionary measures for handling chemicals should be followed.  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing and wash before reuse.  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes.
- **Breathing equipment:** Not required.

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- **Protection of hands:** Not required.
- **Material of gloves:** Not applicable.
- **Penetration time of glove material:** Not applicable.
- **Eye protection:**



Tightly sealed goggles

- **Limitation and supervision of exposure into the environment:** None

### 9 Physical and Chemical Properties

#### · Information on basic physical and chemical properties

#### · General Information

#### · Appearance:

**Form:**

Liquid

**Color:**

Clear

#### · Odor:

Slight

#### · Odor threshold:

Not determined.

#### · pH-value:

Not applicable.

#### · Change in condition

**Melting point/Melting range:**

Not determined.

**Boiling point/Boiling range:**

≥55.8-≤56.6 °C (≥132.4-≤133.9 °F)

#### · Flash point:

&lt;-18 °C (&lt;-0.4 °F)

#### · Flammability (solid, gaseous):

Not applicable.

#### · Ignition temperature:

≥465 °C (≥869 °F)

#### · Decomposition temperature:

Not determined.

#### · Auto igniting:

Product is not self-igniting.

#### · Danger of explosion:

Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

#### · Explosion limits:

**Lower:**

≥2.6 Vol %

**Upper:**

≤13 Vol %

#### · Vapor pressure @ 20 °C (68 °F):

≤233 hPa (≤174.8 mm Hg)

#### · Density:

**Relative density:**

Not determined.

**Vapor density:**

Not determined.

**Evaporation rate:**

Not determined.

#### · Solubility in / Miscibility with:

**Water:**

Not miscible or difficult to mix.

#### · Partition coefficient (n-octanol/water):

Not determined.

#### · Viscosity:

**Dynamic:**

Not determined.

**Kinematic:**

Not determined.

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**Trade Name: Stamp Shield**

- **Solvent content:**
  - Organic solvents:** 95.0 %
  - VOC content:** 40.00 %
  - 1,316.7 g/l / 10.99 lb/gal
- **Solids content:** 8.0 %
- **Other information:** No further relevant information available.

**10 Stability and Reactivity**

- **Reactivity:** No further relevant information available.
- **Chemical stability:**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** Heat, flame and ignition sources.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

**11 Toxicological Information**

- **Information on toxicological effects:**
- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

**67-64-1 Acetone**

Oral	LD50	5,800 mg/kg (Rat)
Dermal	LD50	20,000 mg/kg (Rabbit)
Inhalative	LC50/4 h	5,549 mg/l (Trout) (96 hr)

**540-88-5 tert-butyl acetate**

Oral	LD50	4,100 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rabbit)

- **Primary irritant effect:**
- **On the skin:** No irritating effect.
- **On the eye:** Irritating effect.
- **Additional toxicological information:**  
The product shows the following dangers according to internally approved calculation methods for preparations:  
Irritant

- **Carcinogenic categories:**

- **IARC (International Agency for Research on Cancer):**

None of the ingredients are listed.

- **NTP (National Toxicology Program):**

None of the ingredients are listed.

- **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

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**Trade Name: Stamp Shield**

### 12 Ecological Information

**· Toxicity:****· Aquatic toxicity:****67-64-1 Acetone**

EC50 6,100 mg/l (Pimephales) (48 hr)

**540-88-5 tert-butyl acetate**

EC50 350 mg/l (Water flea)

**· Persistence and degradability:** No further relevant information available.**· Behavior in environmental systems:****· Bioaccumulative potential:** No further relevant information available.**· Mobility in soil:** No further relevant information available.**· Additional ecological information:****· General notes:**

Do not allow undiluted product or product that has not been neutralized to reach ground water, water course or sewage system.

**· Results of PBT and vPvB assessment:****· PBT:** Not applicable.**· vPvB:** Not applicable.**· Other adverse effects:** No further relevant information available.

### 13 Disposal Considerations

**· Waste treatment methods****· Recommendation:**

Observe all federal, state and local environmental regulations when disposing of this material.

**· Uncleaned packaging****· Recommendation:** Disposal must be made according to official regulations.

### 14 Transport Information

**· UN-Number:****· DOT, ADR/ADN, IMDG, IATA**

UN1139

**· UN proper shipping name:****· DOT**

Flammable liquids, n.o.s. (Acetone, Butyl acetates)

**· ADR/ADN**

UN1139 FLAMMABLE LIQUID, N.O.S. (ACETONE, BUTYL ACETATES)

**· IMDG, IATA**

FLAMMABLE LIQUID, N.O.S. (ACETONE, BUTYL ACETATES)

**· Transport hazard class(es):****· DOT****· Class:**

3 Flammable liquids

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**Trade Name: Stamp Shield**· **Label:** 3· **ADR/ADN**· **Class:** 3 (F1) Flammable liquids  
· **Label:** 3· **IMDG, IATA**

· **Class:** 3 Flammable liquids  
 · **Label:** 3  
 · **Packing group:** 2  
 · **DOT, ADR/ADN, IMDG, IATA** I  
 · **Environmental hazards:** Not applicable.  
 · **Special precautions for user:** Warning: Flammable liquids  
 · **Danger code (Kemler):** 33  
 · **EMS Number:** F-E,S-D  
 · **Stowage Category** B  
 · **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.  
 · **Transport/Additional information:**  
 · **DOT**  
 · **Quantity limitations:** On passenger aircraft/rail: 1 L  
 On cargo aircraft only: 30 L

· **ADR/ADN**

· **Excepted quantities (EQ):** Code: E3  
 Maximum net quantity per inner packaging: 30 ml  
 Maximum net quantity per outer packaging: 300 ml

· **IMDG**

· **Limited quantities (LQ):** 0  
 · **Excepted quantities (EQ):** Code: E3  
 Maximum net quantity per inner packaging: 30 ml  
 Maximum net quantity per outer packaging: 300 ml  
 · **UN "Model Regulation":** UN 1139 FLAMMABLE LIQUID, N.O.S. (ACETONE, BUTYL ACETATES), 3, I

**15 Regulatory Information**

· **Safety, health and environmental regulations/legislation specific for the substance or mixture:**  
 · **SARA (Superfund Amendments and Reauthorization):**

· **Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients are listed.

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· <b>TSCA (Toxic Substances Control Act):</b>		
All components have the value ACTIVE.		
· <b>Hazardous Air Pollutants</b>		
None of the ingredients are listed.		
· <b>California Proposition 65:</b>		
· <b>Chemicals known to cause cancer:</b>		
None of the ingredients are listed.		
· <b>Chemicals known to cause reproductive toxicity for females:</b>		
None of the ingredients are listed.		
· <b>Chemicals known to cause reproductive toxicity for males:</b>		
None of the ingredients are listed.		
· <b>Chemicals known to cause developmental toxicity:</b>		
None of the ingredients are listed.		
· <b>New Jersey Right-to-Know List:</b>		
67-64-1	Acetone	
540-88-5	tert-butyl acetate	
· <b>New Jersey Special Hazardous Substance List:</b>		
67-64-1	Acetone	F3
540-88-5	tert-butyl acetate	F3
· <b>Pennsylvania Right-to-Know List:</b>		
67-64-1	Acetone	
540-88-5	tert-butyl acetate	
· <b>Pennsylvania Special Hazardous Substance List:</b>		
67-64-1	Acetone	E
540-88-5	tert-butyl acetate	E
· <b>Carcinogenic categories:</b>		
· <b>EPA (Environmental Protection Agency):</b>		
67-64-1	Acetone	I
· <b>TLV (Threshold Limit Value established by ACGIH):</b>		
67-64-1	Acetone	A4
· <b>NIOSH-Ca (National Institute for Occupational Safety and Health):</b>		
None of the ingredients are listed.		

· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms:**· **Signal word:** Danger· **Hazard-determining components of labeling:**

Acetone

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**Hazard statements:**

- H225 Highly flammable liquid and vapor.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.

**Precautionary statements:**

- P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- P240 Ground/bond container and receiving equipment.
- P241 Use explosion-proof electrical/ventilating/lighting/equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
- P264 Wash thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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- P337+P313 If eye irritation persists: Get medical advice/attention.
- P370+P378 In case of fire: Use for extinction: CO2, powder or water spray.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P403+P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**National regulations:**

None of the ingredients are listed.

**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 16 Other Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

**Date of last revision/ revision number:** 08/16/2019 / -**Abbreviations and acronyms:**

- ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
- ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
- IMDG: International Maritime Code for Dangerous Goods
- DOT: US Department of Transportation
- IATA: International Air Transport Association
- ACGIH: American Conference of Governmental Industrial Hygienists
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- NFPA: National Fire Protection Association (USA)
- HMIS: Hazardous Materials Identification System (USA)
- VOC: Volatile Organic Compounds (USA, EU)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- NIOSH: National Institute for Occupational Safety and Health
- OSHA: Occupational Safety & Health Administration

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TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

BEI: Biological Exposure Limit

Flam. Liq. 2: Flammable liquids – Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

· **\* Data compared to the previous version altered.**

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