



## 1. Product and Company Identification

**Product Code:** BT-T  
**Product Name:** Tape Tack  
**Company Name:** Crest Industries, Inc.  
1337 King Road  
Trenton, MI 48183  
**Phone Number:** (734)479-4141  
**Web site address:** crestauto.com  
**Emergency Contact:** Chemtel (800)255-3924  
International Calls (813)248-0585  
**Stock Number(s):** BT-T

## 2. Hazards Identification

**Flammable Liquids, Category 2**  
**Skin Corrosion/Irritation, Category 2**  
**Toxic To Reproduction, Category 2**  
**Specific Target Organ Toxicity (single exposure), Category 3**  
**Specific Target Organ Toxicity (repeated exposure), Category 2**  
**Aspiration Toxicity, Category 1**  
**Aquatic Toxicity (Acute), Category 1**  
**Aquatic Toxicity (Chronic), Category 1**



**GHS Signal Word:** Danger

**GHS Hazard Phrases:** H225 - Highly flammable liquid and vapor.  
H304 - May be fatal if swallowed and enters airways.  
H315 - Causes skin irritation.  
H336 - May cause drowsiness or dizziness.  
H361 - Suspected of damaging fertility or the unborn child .  
H373 - May cause damage to through prolonged or repeated exposure.  
H400 - Very toxic to aquatic life.  
H410 - Very toxic to aquatic life with long lasting effects.

**GHS Precaution Phrases:** P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P233 - Keep container tightly closed.  
P241 - Use explosion-proof electrical/ventilating/lighting/.../ equipment.  
P242 - Use only non-sparking tools.  
P243 - Take precautionary measures against static discharge.  
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.  
P264 - Wash hands thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P281 - Use personal protective equipment as required.  
P235 - Keep cool.

**GHS Response Phrases:** P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P331 - Do NOT induce vomiting.  
P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.



P332+313 - If skin irritation occurs, get medical advice/attention.  
P363 - Wash contaminated clothing before reuse.  
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.  
P370+378 - In case of fire, use carbon dioxide, dry chemical powder, or appropriate foam to extinguish.  
P391 - Collect spillage.

**GHS Storage and Disposal Phrases:**

P403+233 - Store container tightly closed in well-ventilated place - if product is as volatile as to generate hazardous atmosphere.  
P405 - Store locked up.  
P501 - Dispose of contents/container to an approved treatment/storage/disposal facility in accordance with local/regional/national and international regulations.

**Potential Health Effects (Acute and Chronic):**

**3. Composition/Information on Ingredients**

CAS #	Hazardous Components (Chemical Name)	Concentration
108-88-3	Toluene	15.00 - 25.00 %
1330-20-7	Xylene (mixed isomers)	1.000 - 2.000 %
100-41-4	Ethylbenzene	<1.000 %
110-82-7	Cyclohexane	65.00 - 75.00 %
9011-15-8	Isobutyl methacrylate polymer	2.000 - 5.000 %

**4. First Aid Measures**

**Emergency and First Aid Procedures:** Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

**In Case of Inhalation:** Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Consult a physician.

**In Case of Skin Contact:** Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash off with soap and plenty of water. Wash clothing before reuse.

**In Case of Eye Contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**In Case of Ingestion:** Potential for aspiration if swallowed. Get medical aid immediately. Never give anything by mouth to an unconscious person. If vomiting occurs naturally, have victim lean forward. Do NOT induce vomiting. Rinse mouth with water.

**Note to Physician:** Treat symptomatically and supportively.



### 5. Fire Fighting Measures

**Flash Pt:** ~ -20.0 C (-4.0 F) Method Used: Estimate

**Explosive Limits:** LEL: 1.3 UEL: 8

**Autoignition Pt:** ~ 250 C (482 F)

**Suitable Extinguishing Media:** Water may be ineffective. Use dry chemical, carbon dioxide, or appropriate foam.

**Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Containers may explode in the heat of a fire. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Use water spray to keep fire-exposed containers cool. Vapors are heavier than air and may travel to a source of ignition and flash back. Vapors can spread along the ground and collect in low or confined areas. This liquid floats on water and may travel to a source of ignition and spread fire.

**Flammable Properties and Hazards:**

**Hazardous Combustion**

**Products:**

### 6. Accidental Release Measures

**Protective Precautions, Protective Equipment and Emergency Procedures:** Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

**Environmental Precautions:** Do not let product enter drains.

**Steps To Be Taken In Case Material Is Released Or Spilled:** Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Remove all sources of ignition. Use a spark-proof tool.

### 7. Handling and Storage

**Precautions To Be Taken in Handling:** Do not get in eyes, on skin, or on clothing. Take precautionary measures against static discharges. Keep away from heat, sparks and flame. Do not ingest or inhale. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed.

**Precautions To Be Taken in Storing:** Keep away from sources of ignition. Store in a cool, dry place. Store in a tightly closed container.

### 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
108-88-3	Toluene	PEL: 200 ppm STEL: 500 ppm/(10min) CEIL: 300 ppm	TLV: 20 ppm	
1330-20-7	Xylene (mixed isomers)	PEL: 100 ppm	TLV: 100 ppm STEL: 150 ppm	
100-41-4	Ethylbenzene	PEL: 100 ppm	TLV: 100 ppm STEL: 125 ppm	
110-82-7	Cyclohexane	PEL: 300 ppm	TLV: 100 ppm	
9011-15-8	Isobutyl methacrylate polymer			



# SAFETY DATA SHEET

## Tape Tack

<b>Respiratory Equipment (Specify Type):</b>	A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
<b>Eye Protection:</b>	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
<b>Protective Gloves:</b>	Wear appropriate protective gloves to prevent skin exposure. Wash and dry hands.
<b>Other Protective Clothing:</b>	Wear appropriate protective clothing to prevent skin exposure.
<b>Engineering Controls (Ventilation etc.):</b>	Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.
<b>Work/Hygienic/Maintenance Practices:</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
<b>Environmental Exposure Controls:</b>	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

### 9. Physical and Chemical Properties

<b>Physical States:</b>	<input type="checkbox"/> Gas <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Solid
<b>Appearance and Odor:</b>	Amber. solvent odor.
<b>pH:</b>	
<b>Melting Point:</b>	-95.0 C (-139 F)
<b>Boiling Point:</b>	80.0 C (176 F) - 0 C (32.0 F)
<b>Flash Pt:</b>	~ -20.0 C (-4.0 F)    Method Used: Estimate
<b>Evaporation Rate:</b>	
<b>Flammability (solid, gas):</b>	
<b>Explosive Limits:</b>	LEL: 1.3                      UEL: 8
<b>Vapor Pressure (vs. Air or mm Hg):</b>	
<b>Vapor Density (vs. Air = 1):</b>	
<b>Specific Gravity (Water = 1):</b>	
<b>Density:</b>	~ 0.86 G/ML
<b>Solubility in Water:</b>	
<b>Octanol/Water Partition Coefficient:</b>	
<b>Percent Volatile:</b>	93.2 % by weight.
<b>Autoignition Pt:</b>	~ 250 C (482 F)
<b>Decomposition Temperature:</b>	
<b>Viscosity:</b>	



### 10. Stability and Reactivity

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid - Instability:** Incompatible materials, ignition sources, Heat, flames and sparks.

**Incompatibility - Materials To Avoid:** Strong oxidizing agents.

**Hazardous Decomposition or Byproducts:** Carbon monoxide, Other decomposition products:

**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]

**Conditions To Avoid - Hazardous Reactions:** Vapors may form explosive mixture with air.

### 11. Toxicological Information

**Toxicological Information:**

**Sensitization:** No data available.

**Carcinogenicity/Other Information:** CAS# 8032-32-4: ACGIH: A3 - Confirmed animal carcinogen with unknown relevance to humans.  
California: Not listed.  
NTP: Not listed.  
IARC: Not listed. IARC: 3 -Group 3: Not classifiable as to its carcinogenicity to humans.  
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. California: carcinogen, initial date 6/11/04.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
108-88-3	Toluene	n.a.	3	A4	n.a.
1330-20-7	Xylene (mixed isomers)	n.a.	3	A4	n.a.
100-41-4	Ethylbenzene	n.a.	2B	A3	n.a.
110-82-7	Cyclohexane	n.a.	n.a.	n.a.	n.a.
9011-15-8	Isobutyl methacrylate polymer	n.a.	n.a.	n.a.	n.a.

### 12. Ecological Information

### 13. Disposal Considerations

**Waste Disposal Method:** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.  
RCRA P-Series: None listed.  
RCRA U-Series: None listed. Product.  
Contact a licensed professional waste disposal service to dispose of this material.

### 14. Transport Information



# SAFETY DATA SHEET

## Tape Tack

**LAND TRANSPORT (US DOT):**

DOT Proper Shipping Name: Limited Quantity.

DOT Hazard Class:

UN/NA Number:

Packing Group:

II

**LAND TRANSPORT (Canadian TDG):**

TDG Shipping Name:

UN Number:

Hazard Class:

Packing Group:

II

TDG Classification:

### 15. Regulatory Information

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
108-88-3	Toluene	No	Yes 1000 LB	Yes
1330-20-7	Xylene (mixed isomers)	No	Yes 100 LB	Yes
100-41-4	Ethylbenzene	No	Yes 1000 LB	Yes
110-82-7	Cyclohexane	No	Yes 1000 LB	Yes
9011-15-8	Isobutyl methacrylate polymer	No	No	No

**This material meets the EPA**  Yes  No Acute (immediate) Health Hazard  
**'Hazard Categories' defined**  Yes  No Chronic (delayed) Health Hazard  
**for SARA Title III Sections**  Yes  No Fire Hazard  
**311/312 as indicated:**  Yes  No Sudden Release of Pressure Hazard  
 Yes  No Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
108-88-3	Toluene	CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Yes - Inventory, 8A CAIR; CA PROP.65: Yes; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: CMR, Part 5; NC TAP: Yes; NJ EHS: Yes - 1866; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes
1330-20-7	Xylene (mixed isomers)	CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: CMR, Part 5; NC TAP: Yes; NJ EHS: Yes - 2014; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes
100-41-4	Ethylbenzene	CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Yes - Inventory, 4 Test; CA PROP.65: Yes; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: Yes; NJ EHS: Yes - 0851; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes
110-82-7	Cyclohexane	CAA HAP,ODC: No; CWA NPDES: Yes; TSCA: Yes - Inventory, 4 Test, 8D TERM; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: No; NJ EHS: Yes - 0565; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: No; WI Air: No
9011-15-8	Isobutyl methacrylate polymer	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No



## 16. Other Information

**Revision Date:** 04/01/2015

**Additional Information About  
This Product:**

**Company Policy or**

**Disclaimer:**

The information contained in this SDS is believed to be accurate and reliable as of the date indicated. Crest Industries, Inc. assumes no legal responsibility and makes no representation, warranty or guarantee, expressed or implied, as to the completeness or accuracy of the information. It is offered solely for your consideration, investigation and verification. The user is ultimately responsible for the safe use of the material in accordance with applicable federal, state, provincial and local laws and regulations.