

## Safety Data Sheet

**Material Name:** Insta-Tack

**Product #** 308591- 1 Gal  
308592- 5 Gal  
308593- 50 Gal

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### Section 1 - PRODUCT AND COMPANY IDENTIFICATION

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**Material Name**

Insta-Tack

**Synonyms**

Solvent-based adhesive

**Chemical Family**

Adhesive

**Product Use**

Solvent-based insulation adhesive

**Restrictions on Use**

For industrial use only.

**Manufacturer Information**

Carlisle HVAC Products  
900 Hensley Lane  
Wylie, TX 75098  
www.carlislehvac.com

**Medical Emergency:**

**CHEMTREC (USA): (800) 424-9300**

MSDS Assistance – 972-442-6545

Technical Assistance – 888-229-2199

Customer Service – 888-229-0199

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### Section 2 - HAZARDS IDENTIFICATION

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**Classification in accordance with paragraph (d) of 29 CFR 1910.1200.**

Flammable Liquids - Category 2

Skin Sensitization - Category 1A

**GHS Label Elements**

**Symbol(s)**



**Signal Word**

Danger



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### Hazard Statement(s)

Highly flammable liquid and vapor  
May cause allergic skin reaction

### Precautionary Statement(s)

#### Prevention

Keep container tightly closed  
Keep away from heat/sparks/open flame/hot surfaces - No smoking  
Ground/Bond container and receiving equipment  
Use explosion-proof electrical/ventilating/lighting equipment  
Take precautionary measures against static discharge  
Use only non-sparking tools  
Wear protective gloves/protective clothing/eye protection/face protection  
Avoid breathing dust/fume/gas/mist/vapours/spray  
Contaminated work clothing must not be allowed out of the workplace

#### Response

In case of fire: Use appropriate media to extinguish  
IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower  
If skin irritation or rash occurs: Get medical advice/attention  
Wash contaminated clothing before reuse  
Specific treatment (see label)

#### Storage

Store in a well-ventilated place. Keep cool

#### Disposal

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

#### Other Hazards

No additional information available.

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### Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

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CAS	Component Name	Percent
Mixture	Styrene butadiene polymer	7-13
Mixture	Alkylated diphenylamines	0.1-1
Trade Secret	Rosin Ester	10-30
64742-89-8	Heptane	40-70



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### Section 4 - FIRST AID MEASURES

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#### Description of Necessary Measures

Call a POISON CENTER or doctor if you feel unwell.

#### Inhalation

Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.

#### Skin

Remove/Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs, get medical advice/attention.

#### Eyes

Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

#### Ingestion

If swallowed, get medical attention.

#### Indication of any immediate medical attention and special treatment needed

Treat symptomatically and supportively.

#### Most Important Symptoms/Effects

##### Acute

May cause mild eye irritation. May cause mild skin irritation. May cause allergic skin reaction. May cause respiratory irritation. May cause drowsiness or dizziness. May cause gastrointestinal irritation.

##### Delayed

No information on significant adverse effects.

#### Note to Physicians

Contains organic solvents: heptane.

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### Section 5 - FIRE FIGHTING MEASURES

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#### Extinguishing Media

##### Suitable Extinguishing Media

Dry chemical, foam or carbon dioxide. Water may be ineffective. Use water spray to keep containers cool.

##### Unsuitable Extinguishing Media

Do not use high-pressure water streams.

#### Special Hazards Arising from the Chemical

Highly flammable liquid and vapor. Vapors are heavier than air and may travel a considerable distance to a source of ignition and flashback. Can burn and explode easily when exposed to open flames or high heat.



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### **Hazardous Combustion Products**

Oxides of carbon, oxides of nitrogen

### **Special Protective Equipment and Precautions for Firefighters**

Wear full protective fire fighting gear including self contained breathing apparatus (SCBA) for protection against possible exposure.

### **Fire Fighting Measures**

Move container from fire area if it can be done without risk. Cool containers with water spray until well after the fire is out. Stay upwind and keep out of low areas.

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## **Section 6 - ACCIDENTAL RELEASE MEASURES**

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### **Personal Precautions, Protective Equipment and Emergency Procedures**

Wear personal protective clothing and equipment, see Section 8.

### **Methods and Materials for Containment and Cleaning Up**

Remove all sources of ignition. Avoid breathing vapors. Ventilate affected area. Absorb with earth, sand or other non-combustible material and transfer to container. Use non-sparking tools. Dike for later disposal. Dispose in accordance with all applicable regulations.

### **Environmental Precautions**

Avoid release to the environment.

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## **Section 7 - HANDLING AND STORAGE**

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### **Precautions for Safe Handling**

Keep away from heat/sparks/open flame/hot surfaces - No smoking. Take precautionary measures against static discharge. Ground/Bond container and receiving equipment. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Wash contaminated clothing before reuse. KEEP OUT OF REACH OF CHILDREN.

### **Conditions for Safe Storage, Including any Incompatibilities**

Store in a well-ventilated place. Keep cool

Keep dry. Keep away from heat and ignition sources. Keep away from incompatible materials. Do not cut, puncture, or weld on or near this container.

### **Incompatible Materials**

Strong oxidizing agents, acids, bases

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### Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

**Component Exposure Limits** ACGIH, NIOSH, EU, OSHA (US) and Mexico have not developed exposure limits for any of this product's components

**Biological limit value**

There are no biological limit values for any of this product's components.

**Engineering Controls**

Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits.

**Individual Protection Measures, such as Personal Protective Equipment**

**Eye/face protection**

Safety glasses or goggles are recommended when there is a potential for eye contact. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

**Skin Protection**

Wear appropriate work clothing. Wear protective shoes. Recommended material: protective skin cream.

**Respiratory Protection**

In case of inadequate ventilation wear respiratory protection. Appropriate respirator selection should be made by a qualified professional as part of a comprehensive respiratory protection program as described in 29 CFR 1910.134.

**Glove Recommendations**

Wear appropriate chemical resistant gloves. Recommended material type: Hycron(R), neoprene, nitrile.

### Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Red liquid	<b>Physical State</b>	liquid
<b>Odor</b>	hydrocarbon	<b>Color</b>	red
<b>Odor Threshold</b>	Not available	<b>pH</b>	Not available
<b>Melting Point</b>	Not available	<b>Boiling Point</b>	90 - 100 °C (194-212 °F)
<b>Freezing point</b>	Not available	<b>Evaporation Rate</b>	3.3
<b>Boiling Point Range</b>	Not available	<b>Flammability (solid, gas)</b>	Not available
<b>Autoignition</b>	230 °C (475 °F)	<b>Flash Point</b>	-7.2 °C (19 °F)
<b>Lower Explosive Limit</b>	1 %	<b>Decomposition</b>	Not available
<b>Upper Explosive Limit</b>	7 %	<b>Vapor Pressure</b>	57 mmHg
<b>Vapor Density (air=1)</b>	3.5	<b>Specific Gravity (water=1)</b>	0.78

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Water Solubility	negligible	Partition coefficient: n-octanol/water	Not available
Viscosity	200 cps	Solubility (Other)	hydrocarbons
Density	Not available	VOC	543 g/L

### Other Information

No additional information available.

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## Section 10 - STABILITY AND REACTIVITY

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### Reactivity

No reactivity hazard is expected.

### Chemical Stability

Stable under normal conditions of use.

### Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

### Conditions to Avoid

Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials.

### Incompatible Materials

Strong oxidizing agents, acids, bases

### Hazardous decomposition products

Oxides of carbon, oxides of nitrogen

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## Section 11 - TOXICOLOGICAL INFORMATION

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### Information on Likely Routes of Exposure

#### Inhalation

May cause respiratory irritation. May cause drowsiness or dizziness.

#### Skin Contact

May cause mild skin irritation. May cause allergic skin reaction.

#### Eye Contact

May cause mild eye irritation.

#### Ingestion

May cause gastrointestinal irritation.

### Acute and Chronic Toxicity



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### **Component Analysis - LD50/LC50**

The components of this material have been reviewed in various sources and the following selected endpoints are published:

Styrene butadiene polymer (Mixture)  
Oral LD50 Rat 10000 mg/kg

Heptane (64742-89-8)  
Oral LD50 Mouse 5000 mg/kg  
Dermal LD50 Rabbit 3000 mg/kg

### **Immediate Effects**

May cause respiratory irritation. May cause mild eye irritation. May cause mild skin irritation. May cause allergic skin reaction. May cause gastrointestinal irritation. May cause drowsiness or dizziness.

### **Delayed Effects**

No information on significant adverse effects.

### **Irritation/Corrosivity Data**

May cause mild eye irritation. May cause mild skin irritation. May cause gastrointestinal irritation. May cause respiratory irritation.

### **Respiratory Sensitization**

No data available.

### **Dermal Sensitization**

May cause allergic skin reaction.

### **Component Carcinogenicity**

None of this product's components are listed by ACGIH, IARC, NTP, DFG or OSHA

### **Germ Cell Mutagenicity**

No data available.

### **Reproductive Toxicity**

No data available.

### **Specific Target Organ Toxicity - Single Exposure**

No target organs identified.

### **Specific Target Organ Toxicity - Repeated Exposure**

No target organs identified.

### **Aspiration hazard**

No data available.

### **Medical Conditions Aggravated by Exposure**

No data available.

### **Additional Data**

No additional information available.



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### Section 12 - ECOLOGICAL INFORMATION

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#### Ecotoxicity

Avoid release to the environment.

#### Component Analysis - Aquatic Toxicity

Styrene butadiene polymer	Mixture
Fish:	LC50 96 h Brachydanio rerio <10 mg/L [static]
Invertebrate:	EC50 48 h Daphnia magna 0.42 mg/L IUCLID
Heptane	64742-89-8
Algae:	EC50 72 h Pseudokirchneriella subcapitata 4700 mg/L IUCLID

#### Persistence and Degradability

No information available for the product.

#### Bioaccumulative Potential

No information available for the product.

#### Mobility

No information available for the product.

#### Other Toxicity

No additional information available.

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### Section 13 - DISPOSAL CONSIDERATIONS

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#### Disposal Methods

Dispose of contents/container in accordance with local/regional/national/international regulations. Subject to disposal regulations: U.S. EPA 40 CFR 262. Hazardous Waste Number(s): D001.

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### Section 14 - TRANSPORT INFORMATION

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#### US DOT Information:

Shipping Name: ADHESIVES

Hazard Class: 3

UN/NA #: UN1133

Packing Group: II

Required Label(s): 3





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**Shipping Name:** ADHESIVES

**Hazard Class:** 3

**UN#:** UN1133

**Packing Group:** II

**Required Label(s):** 3

**TDG Information:**

**Shipping Name:** ADHESIVES

**Hazard Class:** 3

**UN#:** UN1133

**Packing Group:** II

**Required Label(s):**

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### Section 15 - REGULATORY INFORMATION

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**U.S. Federal Regulations**

None of this products components are listed under SARA Sections 302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

**SARA Section 311/312 (40 CFR 370 Subparts B and C)**

**Acute Health:** Yes **Chronic Health:** Yes **Fire:** Yes **Pressure:** No **Reactivity:** No

**U.S. State Regulations**

None of this product's components are listed on the state lists from CA, MA, MN, NJ or PA

**Not listed under California Proposition 65**

**Canadian WHMIS Ingredient Disclosure List (IDL)**

The components of this product are either not listed on the IDL or are present below the threshold limit listed on the IDL.

**Component Analysis - Inventory**

Styrene butadiene polymer (Mixture)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	No

Alkylated diphenylamines (Mixture)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	No



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Rosin Ester (Trade Secret)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX
Yes	DSL	No	Yes	Yes	Yes	No	Yes	No	Yes	Yes	No

Heptane (64742-89-8)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX
Yes	DSL	EIN	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes

Red Dye (Trade Secret)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes

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### Section 16 - OTHER INFORMATION

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#### HMIS Rating

Health: 2 Fire: 3 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

#### NFPA Ratings

Health: 2 Fire: 3 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

#### Summary of Changes

Revision Date: June 1, 2018

Revision Note: General Update

#### Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil



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Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States.

### Other Information

#### Disclaimer:

The information contained herein is based upon data and information available to us, and reflects our best professional judgment. This product may be formulated in part with components purchased from other companies. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information. The results to be obtained from the use thereof, or that any such use does not infringe any patent, since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular use.