

SAFETY DATA SHEET

1. Product and Company Identification

The Barbee Company
418 E. Breckinridge St.
Louisville, KY 40201

EMERGENCY TELEPHONE NUMBERS:

Barbee Co. 1-502-584-2155
Chemtrec: 1-800-424-9300

Product Identification

Product Name: #49 Stic-Tite

Chemical Name: Not Available

Synonyms: low-melt hot-melt adhesive

Molecular Formula: Not Available

WHMIS Classification: Not Classified

CAS#: Not Available

Product Use: Auto/Industrial radiator repair

READ ENTIRE MSDS FOR COMPLETE EVALUATION OF THIS PRODUCT

2. Hazards Identification

Hazard classification

Not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Label elements

Signal word

Not applicable.

Symbols

Not applicable.

Pictograms

Not applicable.

Hazards not otherwise classified

May cause thermal burns.

3. Composition

Chemical Ingredients	CAS#	Percent (Weight)
Ethylene-Vinyl Acetate Polymer	24937-78-8	60-70 Trade Secret*
Hydrocarbon Resin	Mixture	30-40 Trade Secret*

*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

4. First Aid Measures

Description of first aid measures

Inhalation

Remove person to fresh air. If you feel unwell, get medical attention.

Skin Contact

Immediately flush skin with large amounts of cold water for at least 15 minutes. DO NOT ATTEMPT TO REMOVE MOLTEN MATERIAL. Cover affected area with a clean dressing. Get immediate medical attention.

Eye Contact

Immediately flush eyes with large amounts of water for at least 15 minutes. DO NOT ATTEMPT TO REMOVE MOLTEN MATERIAL. Get immediate medical attention.

If Swallowed No need for first aid is anticipated.

Most important symptoms and effects, both acute and delayed

See Section 11.1. Information on toxicological effects.

Indication of any immediate medical attention and special treatment required

Not applicable

5. Fire Fighting Measures

Suitable extinguishing media

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

Special hazards arising from the substance or mixture

None inherent in this product.

Hazardous Decomposition or By-Products

Substance

Carbon monoxide

Carbon dioxide

Condition

During Combustion

During Combustion

Special protective actions for fire-fighters

No special protective actions for fire-fighters are anticipated

FIRE EXTINGUISHING MATERIALS: Use extinguishing media appropriate for surrounding fire.

Water Spray: OK

Foam: OK

Halon: OK

Carbon Dioxide: OK

Dry Chemical: OK

Other: Any "ABC" Class

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Ventilate the area with fresh air. Observe precautions from other sections.

Environmental precautions

Avoid release to the environment.

Methods and material for containment and cleaning up

Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue. Seal the container. Dispose of collected material as soon as possible.

Note: see "Section 1" for emergency contact information and "Section 13" for waste disposal.

7. Handling and Storage

Precautions for safe handling

Avoid skin contact with hot material. Keep out of reach of children. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.)

Conditions for safe storage including any incompatibilities

Store away from oxidizing agents.

8. Exposure Controls/Personal Protection

Control parameters

Occupational exposure limits

No occupational exposure limit values exist for any of the components listed in "Section 3" of this SDS.

Exposure controls

Engineering controls No engineering controls required.

Personal protective equipment (PPE)

Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:

Full Face Shield

Indirect Vented Goggles

Skin/hand protection

No chemical protective gloves are required.

Respiratory protection

None required.

Thermal hazards

Wear heat insulating gloves when handling hot material to prevent thermal burns

9. Physical and Chemical Properties

Information on basic physical and chemical properties

General Physical Form	Solid
Specific Physical Form	Waxy Solid
Odor, Color, Grade	translucent, solid adhesive in rods, odorless. (When molten: pungent resinous odor.)
Odor threshold	No Data Available
pH	Not Applicable
Melting point	No Data Available
Boiling Point	Not Applicable
Flash Point	>=450 °F [Test Method: Cleveland Open Cup] [Details: CONDITIONS: ASTM D-92-72]
Evaporation rate	Not Applicable
Flammability (solid, gas)	Not Classified

Flammable Limits(LEL)	Not Applicable
Flammable Limits(UEL)	Not Applicable
Vapor Pressure	Nil
Vapor Density	Nil
Density	1.01 g/cm ³
Specific Gravity	1.01 [Ref Std: WATER=1]
Solubility in Water	Nil
Solubility-non-water	No Data Available
Partition coefficient: n-octanol/ water	No Data Available
Autoignition temperature	No Data Available
Decomposition temperature	No Data Available
Viscosity	Not Applicable
Hazardous Air Pollutants	0 % weight [Test Method: Calculated]
Volatile Organic Compounds	0 g/l [Test Method: calculated SCAQMD rule 443.1]
Percent volatile	0 % weight
VOC Less H₂O & Exempt Solvents	0 g/l [Test Method: calculated SCAQMD rule 443.1]
Solids Content	100 %

10. Stability and Reactivity

Reactivity This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.

Chemical stability Stable.

Possibility of hazardous reactions Hazardous polymerization will not occur.

Conditions to avoid None known.

Incompatible materials Strong oxidizing agents

Hazardous decomposition products

Substance	Condition
None known.	--

Refer to "Section 5" for hazardous decomposition products during combustion

11. Toxicological Information

The information below may not be consistent with the material classification in "Section 2" if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

Information on Toxicological effects Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation No health effects are expected.

Skin Contact

During heating

Thermal Burns: Signs/symptoms may include intense pain, redness and swelling, and tissue destruction.

Eye Contact

During heating:

Thermal Burns: Signs/symptoms may include severe pain, redness and swelling, and tissue destruction.

Ingestion No known health effects.

Toxicological Data

If a component is disclosed in "Section 3" but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification

Acute Toxicity

Name	Route	Species	Value
Overall product	Ingestion		No data available; calculated ATE > 5,000 mg/kg
Ethylene-Vinyl Acetate Polymer	Dermal		LD50 estimated to be > 5,000 mg/kg
Ethylene-Vinyl Acetate Polymer	Ingestion	Rat	LD50 > 1,000 mg/kg
Hydrocarbon Resin	Ingestion		LD50 estimated to be > 5,000 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
Ethylene-Vinyl Acetate Polymer	Professional judgement	No significant irritation
Hydrocarbon Resin	Professional judgement	No significant irritation

Serious Eye Damage/Irritation

Name	Species	Value
Ethylene-Vinyl Acetate Polymer	Professional judgement	No significant irritation
Hydrocarbon Resin	Professional judgement	No significant irritation

Skin Sensitization

For the component/components, either no data are currently available or the data are not sufficient for classification.

Respiratory Sensitization

For the component/components, either no data are currently available or the data are not sufficient for classification.

Germ Cell Mutagenicity

For the component/components, either no data are currently available or the data are not sufficient for classification.

Carcinogenicity

For the component/components, either no data are currently available or the data are not sufficient for classification.

Reproductive Toxicity

Reproductive and/or Developmental Effects

For the component/components, either no data are currently available or the data are not sufficient for classification.

Target Organ(s)

Specific Target Organ Toxicity - single exposure

For the component/components, either no data are currently available or the data are not sufficient for classification.

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
Ethylene-Vinyl Acetate Polymer	Ingestion	liver	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 4,000 mg/kg/day	90 days

Aspiration Hazard

For the component/components, either no data are currently available or the data are not sufficient for classification.

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

12. Ecological Information

Please contact the address or phone number listed on the first page of the SDS for additional ecotoxicological information on this material and/or its components.

Chemical fate information

Please contact the address or phone number listed on the first page of the SDS for additional chemical fate information on this material and/or its components.

13. Disposal Considerations

Disposal methods

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

Prior to disposal, consult all applicable authorities and regulations to insure proper classification. Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. If no other disposal options are available, waste product may be placed in a landfill properly designed for industrial waste.

EPA Hazardous Waste Number (RCRA): Not regulated

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION for additional handling information and protection of employees.

14. Transportation Information

U.S. DOT, IATA or IMO: Not Regulated.

Canadian TDG Act Shipping Description: Not Regulated.

These transportation classifications are provided as a customer service. As the shipper YOU remain responsible for complying with all applicable laws and regulations, including proper transportation classification and packaging. The Barbee Company transportation classifications are based on product formulation, packaging, company policies and The Barbee Company's understanding of applicable current regulations. The Barbee Company does not guarantee the accuracy of this classification information. This information applies only to transportation classification and not the packaging, labeling, or marking requirements. The original Barbee package is certified for U.S. ground shipment only. If you are shipping by air or ocean, the package may not meet applicable regulatory requirements.

15. Regulatory Information

US Federal Regulations

Contact The Barbee Company for more information.

311/312 Hazard Categories

Fire Hazard - No

Pressure Hazard - No

Reactivity Hazard - No

Immediate Hazard - Yes

Delayed Hazard - No

State Regulations

Contact The Barbee Company for more information.

Chemical Inventories

The components of this product are in compliance with the chemical notification requirements of TSCA. Contact The Barbee Company for more information.

International Regulations

Contact The Barbee Company for more information.

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

16. Other Information

HMIS HAZARD RATING

Health: 1 Flammability: 0 Physical Hazard: 0 Personal Protection: E

HAZARD INDEX

0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe

PERSONAL PROTECTION CODE:

A=Safety glasses

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

To obtain revised copies of this or other Safety Data Sheets, contact:

The Barbee Company
418 E. Breckinridge St.
Louisville, KY 40201
502-584-2155

PREPARED BY: The Barbee Company
Date of Revision: Jan, 2016.

DISCLAIMER: The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. The Barbee Company MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the Barbee product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a Barbee product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the Barbee product to determine whether it is fit for a particular purpose and suitable for user's method of use or application. The Barbee Company provides information in electronic form as a service to its customers. Due to the remote possibility that electronic transfer may have resulted in errors, omissions or alterations in this information, The Barbee Company makes no representations as to its completeness or accuracy. In addition, information obtained from a database may not be as current as the information in the SDS available directly from The Barbee Company.