

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: #44 Spot Weld

Chemical Name: Not Available

Synonyms: Radiator sealer

Molecular Formula: Not Available

WHMIS Classification: Not Classified

CAS#: Not Available

Product Use: Auto/Industrial Radiator leak sealer

READ ENTIRE MSDS FOR COMPLETE EVALUATION OF THIS PRODUCT

2. Hazards Identification

The primary hazards presented by this product are the potential for mild irritation of contaminated tissue and the potential for accidental ingestion.

Flammability Hazards: This product is not flammable. If this product is involved in a fire, the decomposition products generated will include irritating vapors and gases and some carbon monoxide.

Reactivity Hazards: This product is not reactive.

Environmental Hazards: Although release of this product to the environment is not expected to cause significant adverse effect, all releases should be avoided.

Emergency Considerations: Emergency responders should wear appropriate protection for situation to which they respond.

Color: Grey

Physical state: viscous liquid

Odor: Not available

3. Composition

<u>Chemical Ingredients</u>	<u>CAS#</u>	<u>TLV-TWA</u>	<u>Percent (Weight)</u>	<u>LD50</u>	<u>LC50</u>
Gum Arabic	9000-01-5		20-30%	16001 mg/kg	
Cellulose	9004-36-4				

4. First Aid Measures

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops. Cold water may be used.
Serious Skin Contact: Not available.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Serious Ingestion: Not available.

5. Fire Fighting Measures

Flammability Class (WHMIS): Not regulated. Autoignition Temp. (°C): Not Available.
Flash Point (TCC, °C): Does not Flash.
Flammable Limits in Air (%): LEL: Not Applicable. UEL: Not Applicable

Sensitivity to Mechanical Impact: Not Available. Not expected to be sensitive.

Sensitivity to Static Discharge: Not Available. Not expected to be sensitive.

FIRE FIGHTING INSTRUCTIONS

Use appropriate respirator for protection against possible exposure to carbon monoxide and carbon dioxide. Use water spray to disperse vapours. Spilled material may cause floors and contact surfaces to become slippery.

Fire Fighters should wear approved Self-Contained Breathing Apparatus and protective clothing.

COMBUSTION PRODUCTS

Carbon monoxide and carbon dioxide.

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

Water Spray: OK

Carbon Dioxide: OK

Foam: OK

Dry Chemical: OK

Halon: OK

Other: Any "ABC" Class

6. Accidental Release Measures

Personal precautions: No action shall be taken involving any personal risk or without suitable training.

Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods for cleaning up

Small spill : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations

(see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

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

7. Handling and Storage

Insure good ventilation. Containers which have been exposed to heat, may be under pressure. These should be cooled and carefully vented before opening. A face shield apron should be worn. Enforce NO SMOKING rules in area of use.

Use normal "good" industrial hygiene and housekeeping practices.

Ventilation Required, and a combination of local or general dilution to maintain allowable PEL or TLV. Respirator protection should consist of a NIOSH/MSHA approved SCBA; however, OSHA regulations also permit other NIOSH/MSHA respirators.

Rubber or plastic gloves should be used.

Chemical safety goggles and full face shield must also be used.

STORAGE

Store in a cool, well-ventilated area. Protect from direct sunlight. Keep containers closed.

8. Exposure Controls/Personal Protection

Eye Protection: Use appropriate protective glasses or chemical safety goggles when there is potential for contact.

Skin Protection: Gloves and protective clothing made from, rubber or plastic should be impervious under conditions of use. Prior to use, user should confirm impermeability.

Respiratory Protection: No specific guidelines available. A respirator protection program that meets OSHA's 29 CFR H1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Other PPE: Wear an impermeable apron and boots. Locate safety shower and eyewash station close to chemical handling area. Take all precautions to avoid personal contact.

ENGINEERING CONTROLS: Local Exhaust ventilation required.

EXPOSURE LIMITS (Gum Arabic, dust): Oral-Rat LD50:>16 gm/kg; Oral-Mouse LD50:>16 gm/kg

9. Physical and Chemical Properties

Physical state: Liquid

Appearance and Odour: Grey, no odour

Odour Threshold: Odourless.

Vapour Pressure(mm Hg @ 20°C): Negligable.

Vapour Density: Not Applicable.

Evaporation Rate: Not Available.

Boiling Point: 730 °C

Melting/Freezing Point: 290 °C

PH: Not applicable

Specific Gravity: Not Available.

Coefficient of water/oil distribution: 0.

10. Stability and Reactivity

Under normal conditions: Stable

Under fire conditions: Stable.

Conditions to avoid: None identified.

Materials to Avoid: None identified.

Hazardous Decomposition Products: Carbon Oxides. Thermal decomposition products are highly dependent on the combustion conditions. A complex mixture of airborne particulates and gases will evolve when materials undergo pyrolysis or combustion.

Hazardous Polymerization: Will not occur.

Incompatibilities: Strong Oxidizers

11. Toxicological Information

Eye contact: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid.

Skin contact: Wash exposed area with soap and water. If irritation persists, seek medical attention.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

Ingestion: Give several glasses of milk or water. Vomiting may occur spontaneously, but it is not necessary to induce. Never give anything by mouth to an unconscious person.

Chronic Toxic Effects: This product has no known chronic effects. Repeated or prolong exposure to this compound is not known to aggravate medical conditions.

Acute Toxic Effects: Irritating to the skin and eyes on contact. Inhalation will cause irritation to the lungs and mucus membrane. Irritation to the eyes will cause watering and redness. Reddening, scaling, and itching are characteristics of skin inflammation. Follow safe industrial hygiene practices and always wear protective equipment when handling this compound.

Other health effects: None known.

Exposure Limits: Not available

Reproductive Data: None.

Mutagenicity Data: None.

Teratogenicity Data: None.

Respiratory /Skin Sensitization Data: None known. **Synergistic Materials:** None known.

12. Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are more toxic.

Special Remarks on the Products of Biodegradation: Not available.

13. Disposal Considerations

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

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. Department of Transportation Hazard Class: Not Regulated.

Canadian TDG Act Shipping Description: Not Regulated.

15. Regulatory Information

Gum Arabic

Federal and State Regulations: TSCA 8(b) inventory: Arabic gum

WHMIS (Canada): Not available.

DSCL (EEC): This product is not classified according to the EU regulations.

OSHA Status: This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA Chemical Inventory: This compound is on the EPA Toxic Substance Control Act (TSCA) inventory List

California Proposition 65: To the best of our knowledge, this product contains no levels of listed substances, which the state of California has found to cause cancer, birth defects or other reproductive effects.

SARA 313 Title III:

Section 302 Extremely Hazardous Substances: None

Section 311/312 Hazardous Categories: None

Section 313 Toxic Chemicals: None

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

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
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