

# SAFETY DATA SHEET

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## 1. Product and Company Identification

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

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

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### Product Identification

Product Name: #63-5 Barbee Premium Latex                      Chemical Name: Not Available  
Synonyms: Radiator Paint  
Molecular Formula: Not Available  
Product Use: Automotive/Industrial Radiator Painting      CAS#: Not Available  
WHMIS Classification: Not Classified  
READ ENTIRE MSDS FOR COMPLETE EVALUATION OF THIS PRODUCT

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## 2. Hazards Identification

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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:** Black

**Physical state:** Viscous liquid

**Odor:** Mild ammonia odor

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## 3. Composition

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<u>Chemical Ingredients</u>	<u>CAS#</u>	<u>ACGIH-TWA</u>	<u>Percent (Weight)</u>	<u>LD50 Rat-oral</u>	<u>LC50</u>
Carbon Black	1333-86-4	3.5 (mg/m <sup>3</sup> )	5-20	8000 mg/kg	N/A
Propylene Glycol	57-55-6		1-3	20000 mg/kg	N/A
Texanol	25265-77-4		1.3	6500 mg/kg	N/A
<u>NON-HAZARDOUS INGREDIENTS</u>					
Water	Not Applicable		72	N/A	N/A
Total Solids			25.3	N/A	N/A

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## 4. First Aid Measures

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**INHALATION:** Move victim to fresh air. Give artificial respiration ONLY if breathing has stopped. Give cardiopulmonary resuscitation (CPR) if there is no breathing AND no pulse. Oxygen administration may be beneficial in this situation, but should only be administered by personnel trained in its use. Obtain medical attention IMMEDIATELY.

**SKIN CONTACT:** Get medical aid if irritation develops or persists.

**EYE CONTACT:** Immediately flush eyes with running water for a minimum of 20 min. Hold eyelids open during flushing. If irritation persists, repeat flushing. Obtain medical attention immediately.

**INGESTION:** Do not attempt to give anything by mouth to an unconscious person. If victim is alert and not convulsing, rinse mouth out and give ½ to 1 glass of water to dilute material. IMMEDIATELY contact local poison control center. Vomiting should only be induced under the direction of a physician or a poison control center. If spontaneous vomiting occurs, have the victim lean forward with head down to avoid breathing in of vomitus, rinse mouth and administer more water. Vomiting may need to be induced but only under the direction of a physician or a poison control center. IMMEDIATELY transport victim to an emergency facility.

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

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## 5. Fire Fighting Measures

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Flammability Class (WHMIS): Not regulated. Autoignition Temp. (°C): Not Available.  
Flash Point (TCC): >200°C.  
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

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## 6. Accidental Release Measures

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**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 section1 for emergency contact information and section 13 for waste disposal.

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## 7. Handling and Storage

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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

**DO NOT allow product to FREEZE.** Store in a cool, well-ventilated area. Protect from direct sunlight. Keep containers closed.

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## 8. Exposure Controls/Personal Protection

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### PERSONAL PROTECTIVE EQUIPMENT (PPE)

**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 (Carbon Black):** NIOSH: 3.5 mg/m<sup>3</sup>

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## 9. Physical and Chemical Properties

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Physical state: Liquid.

Appearance and Odour: Black. Mild ammonia smell.

Odour Threshold (ppm): Not Available.

VOC (volatile organic compounds): 1.89 lbs/gal.

Vapour Density: Heavier than air.

Boiling Point: 100°C.

Melting/Freezing Point: -2°C.

PH: 8.75

Vapour Pressure: Negligable.

Specific Gravity(H<sub>2</sub>O=1): 1.64.

Evaporation Rate: Slower than ether. Coefficient of water/oil distribution: Not available.

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## 10. Stability and Reactivity

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**Under normal conditions:** Stable                      **Hazardous Polymerization:** Will not occur.  
**Under fire conditions:** Not Flammable.           **Conditions to avoid:** Freezing.  
**Materials to Avoid:** Strong oxidizers such as chlorates, bromates, nitrates.

**Hazardous Decomposition Products: Incomplete combustion can yield carbon monoxide, carbon dioxide and carbon dust.**

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## 11. Toxicological Information

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### Acute Toxicity

**INHALATION:** May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.

**EYE CONTACT:** May cause eye irritation.

**SKIN CONTACT:** May cause skin irritation.

**SKIN ABSORPTION:** Not expected to be absorbed through the skin.

**INGESTION:** May cause gastrointestinal irritation with nausea, vomiting and diarrhea. The toxicological properties of this substance have not been fully investigated.

### Chronic Toxicity

None specifically known. Acute effects dominate

**Carcinogenicity Data:** Carbon black contains trace amounts of absorbed polynuclear aromatic compounds (PNA). In non-absorbed form, some PNAs have been found to be carcinogens in certain studies. No carcinogenic effect, however, has been found in animals or humans due to exposure to carbon black.

**Reproductive Data:** No adverse reproductive effects are anticipated.

**Mutagenicity Data:** No information is available and no adverse mutagenic effects are anticipated.

**Teratogenicity Data:** No adverse teratogenic/embryotoxic effects are anticipated.

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

**Synergistic Materials: None known.**

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## 12. Ecological Information

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### ECOLOGICAL INFORMATION

**Ecotoxicity:** Not available. May be harmful to aquatic life. Toxicity is primarily associated with pH.

**Aquatic Toxicity:** Not Available.

**Environmental Fate:** Not available. Product has an unaesthetic appearance and can be a nuisance. Do not contaminate domestic or irrigation water supplies, lakes streams, ponds, or rivers.

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### **13. Disposal Considerations**

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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.

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### **14. Transportation Information**

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U.S. Department of Transportation Hazard Class: Not Regulated.

Canadian TDG Act Shipping Description: Not Regulated.

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### **15. Regulatory Information**

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Information on the maximum volatile organic compound (VOC) content of individual products appears on product labels.

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### **16. Other Information**

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HMIS HAZARD RATING  
Health 1    Flammability 0    Physical Hazard 0    Personal Protection A  
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:

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502-584-2155

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