



Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard. 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

Section 1 - Identification

IDENTITY (As Used on Label and List) Bronze Radiator Stop Leak – 52BM		Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.	
Manufacturer's Name	Master Chemical	Emergency Telephone Number	870-449-4312
Address	4635 Willow Drive Medina, MN 55340	Telephone Number for Information	870-449-4312
Recommended Uses	Automotive Radiator Stop Leak	Date Prepared	06/09/2014
		Signature of Preparer (optional)	

Section 2 - Hazard(s) Identification

Respiratory or skin sensitization	Warning - dust nuisance
Respirable dust air contaminant	Can cause irritation of eyes, respiratory tract
Skin sensitization	Mild irritant

Section 3 - Composition/ Information on Ingredients

Hazardous Components (Specific Chemical Identity; Common Name(s))
Copper CAS # 7440-50-8 (DUST)
Product contains less than 6% copper. The remaining 94 % of the product ingredients (trade secret) are not considered hazardous under the Federal Hazard Communication Standard 29 CFR 1910.1200.
Copper is subject to the reporting requirements of SARA 40 CFR 372.

Section 4 - First Aid Measures

Health Hazards (Acute and Chronic)	Can cause irritation of skin, eyes and respiratory tract as a nuisance dust. No chronic effects are known.
Emergency and First Aid Procedures	SKIN: Wash with soap and water. EYES: Flush with water for 15 minutes. INHALATION: Move to fresh air and get medical attention.

Section 5 - Fire Fighting Measures

Hazardous Combustion Products	Copper not combustible (before mixed)	Mix not combustible
Extinguishing Media	Water, foam, carbon dioxide, dry chemical.	
Special Fire Fighting Procedures	None	
Unusual Fire and Explosion Hazards	None known.	

Section 6 – Accidental Release Measures

Steps to Be Taken in Case Material is Released or Spilled	Avoid creating dust. Clean up with brooms and shovels. Put in dry container for disposal.
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Section 7 – Handling and Storage

Precautions to Be taken in Handling and Storing	Avoid creating dust. Store in cool, dry area in dry, closed containers.
Other Precautions	Wear respiratory protection if there is a large amount of dust.

Section 8 – Exposure Controls/Personal Protection

OSHA PEL	1 mg/m ³	ACGIHTLV	1 mg/m ³	Other Limits Recommended	<6%
Respiratory Protection (<i>Specify Type</i>)					
Normally not required. Use regular dust masks or NIOSH approved respirator.					
Ventilation	Local Exhaust	Normal	Special	N/A	
	Mechanical (<i>General</i>)	Normally not necessary.		Other	N/A
Protective Gloves	Not normally required.			Eye Protection	Safety goggles if eye contact is possible.
Other Protective Clothing or Equipment	None				
Work/Hygienic Practices	Wash with soap and water.				

Section 9 – Physical and Chemical Properties

Flash Point (Method Used)	N/A	Flammable Limits	LEL	N/A	UEL	N/A
Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	<1			
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A			
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A			
Solubility in Water	Very slight					
Appearance and Odor	Reddish brown powder with very slight odor.					

Section 10 – Stability and Reactivity

Stability	Unstable		Conditions to Avoid	None known.
	Stable	X		
Incompatibility (<i>Materials to Avoid</i>)	None known.			
Hazardous Decomposition or Byproducts	Copper oxide.			
Hazardous Polymerization	May Occur		Conditions to Avoid	None known.
	Will Not Occur	X		

Section 11 – Toxicological Information

Route(s) of Entry:	Inhalation? X	Skin? X	Ingestion? X
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
This product is not a known carcinogen as defined by NTP, IARC or OSHA.			
Signs and Symptoms of Exposure	Coughing and irritation of skin, eyes or respiratory tract.		
Medical Conditions Generally Aggravated by Exposure	Some pre-existing skin or respiratory conditions might be aggravated.		

Section 12 – Ecological Information

Ecotoxicity:	N/A
Persistence and degradability:	N/A
Bioaccumulative potential:	N/A
Mobility in soil:	N/A
Other Adverse Effects:	N/A
No information available for this product.	

Section 13 – Disposal Considerations

Waste Disposal Method

Dispose of in accordance with all local, state and federal laws.

Section 14 – Transport Information

UN Number: Not regulated

UN proper shipping name: Not regulated

Transport hazard class: Not regulated

Packing group: N/A

Environmental hazards: N/A

Transport in bulk: N/A

Special precautions: N/A

Section 15 – Regulatory Information

No information available for this product.

Section 16 – Other Information

Date of preparation or last modification: 06/09/2014