

Material 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



IDENTITY (As Used on Label and List)

PERM-O-SEAL RADIATOR STOP LEAK

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.

Section I

Manufacturer's Name Distributed by: Weldit Corp J-B Weld Co., LLC	Emergency Telephone Number 870-449-4312
Address P.O. Box 483 Sulphur Springs, TX 75483-0483	Telephone Number for Information 870-449-4312
	Date Prepared 3/2/2009
	Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIHTLV	Other Limits Recommended	%(optional)
Copper CAS #7440-50-8 (DUST)	1 mg/m ³	1 mg/m ³	<6%	
The product contains less than 6% copper. The remaining 94% of the product ingredients are not considered hazardous under the Federal Hazard Communications Standard 29 CFR 1910.1200.				
Copper is a reportable ingredient under section 313 of SARA 40 CFR 372.				

Section III - Physical/Chemical Characteristics

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 IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	N/A	Flammable Limits	LEL	N/A	UEL	N/A
Extinguishing Media	Water or the same as surrounding materials.					
Special Fire Fighting Procedures	None known					
Unusual Fire and Explosion Hazards	None known.					

(Reproduce locally)

OSHA 174, Sept. 1985

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid	None known.
	Stable	X		
Incompatibility (Materials to Avoid)	None known.			

Hazardous Decomposition or Byproducts Copper oxides			
Hazardous Polymerization	May Occur		Conditions to Avoid None known.
	Will Not Occur X		

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? X	Skin? X	Ingestion? X
Health Hazards (<i>Acute and Chronic</i>)	Irritation to eyes, skin and respiratory tract.		
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
This product is not a carcinogen as defined by NTP, ARC or OSHA.			
Signs and Symptoms of Exposure	Irritation of skin, eyes or respiratory tract.		
Medical Conditions Generally Aggravated by Exposure	Pre-existing skin or respiratory conditions.		
Emergency and First Aid Procedures	SKIN: Wash with soap and water. EYES: Flush with water. INHALATION: Move to fresh air and get medical attention.		

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled	Avoid creating dust. Clean up with brooms and shovels. Put in clean, dry containers for disposal.
Waste Disposal Method	Dispose of in accordance with local, state and federal. Laws.
Precautions to Be taken in Handling and Storing	Store in cool area in dry containers.
Other Precautions	Wear respiratory protection if there is large amount of dust.

Section VIII - Control Measures

Respiratory Protection (<i>Specify Type</i>)	Normally not required.		
Ventilation	Local Exhaust	Normal	Special N/A
	Mechanical (<i>General</i>)	<i>Normally not necessary.</i>	
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.		

* U.S.G.P.O.: 1986 - 491 - 529/45775