

MATERIAL SAFETY DATA SHEET

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For Chemical Emergency Only:

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Section 1

PACER TECHNOLOGY
9420 Santa Anita Avenue
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PRODUCT IDENTIFICATION:**Copper XS Hi-Temp RTV Silicone****HAZARD RATING**

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1 x 0

Section 2 - HAZARDOUS INGREDIENTS INFORMATION:

Hazardous Components (Common Names, CAS Number)	OSHA PEL	ACGIH TLV	OTHER LIMITS	% OPTION
Calcium Carbonate (1317-65-3)	15mg/m ³	10mg/m ³		35-50
Silica, Amorphous (7631-86-9)	6mg/m ³	10mg/m ³		3-5
Methyl Tris(Methylethyl- Ketoxime) Silane (22984-54-9)	*	*		1.5-4.5
Vinyl Tris (methylethyl- Ketoxime) Silane (2224-33-1)	*	*		0-1

* As a byproduct of cure up to 4% Methylethylketoxime (MEKO, CAS #96-29-7) may be released within the product. MEKO may cause eye irritation and possible skin sensitization. Observe limits for MEKO: AIHA (TWA): 10ppm, 36 mg/m³

Section 3 - PHYSICAL/CHEMICAL CHARACTERISTICS:

Boiling Point:	NA	Specific Gravity (H ₂ O=1):	1.35-1.42
Vapor Density (Air=1):	NA	Melting Point:	NA
Vapor Pressure (mm Hg):	<5mm @ 77 F	Evaporation Rate (Butyl acetate = 1):	NA
Solubility in Water:	Less than 0.1		
Appearance & Odor:	Copper colored paste with oxime odor.		

Section 4 - FIRE AND EXPLOSION HAZARD DATA:

Flash Point (Method): >212 F (COC) Flammable Limits: LEL: NE UEL: NE
Extinguishing Media: Water fog, carbon dioxide, dry chemical or foam.
Special Fire Fighting Procedures: Firefighters should wear self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: None known.

Section 5 - REACTIVITY DATA:

Stability: Stable XX Conditions to Avoid: Exposure to air/moisture prior to use.
Incompatibility (Materials to Avoid): Oxidizing material; air or moisture cause curing with acetic acid vapors being formed.
Hazardous Decomposition Products: Silicon dioxide, carbon oxides and traces of incompletely burned carbon compounds. Nitrogen oxides. Formaldehyde.
Hazardous Polymerization: May Not Occur XX

Route(s) of Entry: Inhalation: Yes Skin: Yes Ingestion

Section 6 - HEALTH HAZARD DATA: Yes

Health Hazards (Acute and Chronic):

Acute - Direct contact may cause eye/skin irritation. Inhalation may irritate mucous membranes. Ingestion of large amounts may cause digestive discomfort.

Chronic - Repeated or prolonged contact (24-48hr) may cause moderate skin irritation. Product contains oximes which are possible skin sensitizers.

Carcinogenicity: NTP: No IARC Monographs: No OSHA Regulated: No

When heated to temperatures above 302F in the presence of air, the product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard, known skin & respiratory sensitizer and irritant to mucous membranes and digestive system. Safe handling conditions may be maintained by keeping vapor concentration within the OSHA permissible exposure limit for formaldehyde.

First Aid Procedures:

Eye contact - Immediately flush eye with copious amounts of water for 15 minutes. Get medical attention.

Skin contact - Remove contaminated clothing and wash affected areas with soap and water. Prolonged or repeated contact can cause dermatitis in sensitive individuals.

Inhalation - Remove to fresh air. Get medical attention if ill effects persist.

Ingestion - Get medical attention.

Medical Conditions Generally Aggravated by Exposure: Pre-existing skin and respiratory conditions.

Section 7 - PRECAUTIONS FOR SAFE HANDLING AND USE:

Steps to Be Taken in Case Material is Released or Spilled: Material can be polymerized with water. Scrape up cured residue and place into container for disposal.

Waste Disposal Method: Dispose of in accordance with local, state, and federal EPA regulations.

Precautions to Be Taken in Handling and Storing: Use with adequate ventilation. Store below 90F/32C. Use reasonable care and caution. Recommended use is at ambient temperature (68-72 F).

Other Precautions: Avoid direct contact and avoid breathing vapors.

Section 8 - CONTROL MEASURES:

Respiratory Protection (Specify Type): A NIOSH approved organic vapor canister may be used to maintain vapor concentration below TLV.

Ventilation: Local Exhaust: To maintain vapor concentration below TLV.

Mechanical (General): As needed.

Protective Clothing or Equipment: Safety glasses/goggles with side shields, rubber gloves and apron to protect skin and clothing.

Work/Hygienic Practices: Wash hands with soap and water after use. Launder contaminated clothing before reuse.

NE = Not established

The data contained herein is based upon information that Pacer Technology believes to be reliable. Users of this product have the responsibility to determine the suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, express or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.

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