

# Material Safety Data Sheet

ITW Consumer - Devcon/Versachem

1 of 4

## HEAVY DUTY RADIATOR STOP LEAK

This product appears in the following stock number(s):

14109

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Tradename:** HEAVY DUTY RADIATOR STOP LEAK

**General use:** Sealant

**Chemical family:** Copper powder

### MANUFACTURER

ITW Consumer - Devcon/Versachem

2107 West Blue Heron Blvd.

Riviera Beach, Florida 33404

### EMERGENCY INFORMATION

Emergency telephone number

(CHEMTEL): (800) 255-3924

(CHEMTEL International): (+01) 813-248-0585

Other Calls: (561) 845-2425

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Abbr.	Weight%	ACGIH; TLV-TWA	OSHA PEL:	Other Limits
COPPER 7440-50-8	n/e	<6	1 mg/m <sup>3</sup>	1.0 mg/m <sup>3</sup> (dust and mist); 0.1 mg/m <sup>3</sup> (fumes) TWA	1 mg/m <sup>3</sup> (Canada)
TRADE SECRET (Non-hazardous) MIXTURE	n/e	balance		n/e	n/e

"TLV" means the Threshold Limit Value exposure (eight-hour, time-weighted average, unless otherwise noted) established by the American Conference of Governmental Industrial Hygienists. "STEL" indicates a short-term exposure limit. "PEL" indicates the OSHA Permissible Exposure Limit. "n/e" indicates that no exposure limit has been established. An asterisk (\*) indicates a substance whose identify is a trade secret of our supplier and unknown to us.

## 3. HAZARDOUS IDENTIFICATION

### Emergency Overview

**Appearance, form, odor:** Reddish brown powder paste with slight odor

**CAUTION!** Mechanical irritant. Dust may cause respiratory irritation.

### Potential health effects

**Primary Routes of Exposure:** Eye. Skin. Inhalation (breathing)

### Symptoms of acute overexposure

**Skin:** Abrasive, but not otherwise hazardous on skin contact.

**Eyes:** May cause mechanical irritation

**Inhalation:** Irritant. (Inhalation is unlikely since the aggregate is slightly wetted with a coupling agent which inhibits dusting).

**Ingestion:** No data.

**Effects of Chronic Exposure:** None known.

Component	Weight%	NTP	ACGIH Carcinogens	IARC
COPPER 7440-50-8	<6		A4 Not classifiable as a human carcinogen	

**Medical Conditions Recognized as Being Aggravated by Exposure:**

Since this product contain copper compounds, individuals with Wilson's Disease should avoid exposure to this product.

**4. FIRST AID MEASURES**

**Eye Contact:** Avoid rubbing particles into eyes. Flush eyes with copious amounts of water. Contact a physician if irritation persists.

**Skin Contact:** None under normal use. If particles are driven into skin, wash thoroughly and bandage if needed.

**Inhalation:** Move to fresh air; get medical attention if symptoms persist

**Ingestion:** Call a physician if symptoms develop

**5. FIRE FIGHTING MEASURES**

**Recommended Extinguishing Media:** Water, Dry chemical, foam

**Flash point:** None

**Method:** N/A

**Lower Explosive  
Limit:** none

**Upper Explosive  
Limit:** none

**Special Fire-Fighting Procedures:** Does not support combustion with oxygen. Use extinguishing media appropriate to the surrounding fire.

**Unusual Fire/Explosion Hazards:**  
None.

**Hazardous Products of Combustion:**  
Copper oxide

**6. ACCIDENTAL RELEASE MEASURES**

**Spill Control:** Avoid inhalation of dusts if any are raised.

**Containment:** N/A

**Cleanup:** Shovel or sweep up for re-use or disposal.

**Special procedures:** None.

**7. HANDLING AND STORAGE**

**Handling precautions:** Avoid creating and inhaling dusts of this product.

**Storage:** Store in a cool, dry area. Keep containers closed when not in use.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Engineering controls:**

**Ventilation:**

Mechanical ventilation.

**Other engineering controls:** Have emergency shower and eye wash available.

**Personal protective equipment**

**Eye and face protection:** Safety glasses with side shields

**Skin protection:** Long-sleeved clothing.

**Respiratory protection:** Should dust be raised in handling (unlikely), wear NIOSH-approved respirator.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Specific Gravity:** <1

**Boiling Point:** n/d

**Melting point:** n/d

**Vapor Density (Air=1):** n/d

**Vapor Pressure:** n/d

**Evaporation Rate:** n/d

**VOC:** n/d

**Solubility in water:** Slight

**pH (5% solution or slurry in water):** n/d

## 10. STABILITY AND REACTIVITY

This material is chemically stable. Hazardous polymerization will not occur.

**Conditions to Avoid:** None.

**Incompatibilities:** None known

**Hazardous Products of Combustion:** Copper oxide

**Conditions under which hazardous polymerization may occur:** None.

## 11. TOXICOLOGICAL INFORMATION

**Eye Contact:** No data available.

**Subchronic effects:** No data available.

**Carcinogenicity, teratogenicity and mutagenicity:** No data available.

**Other chronic effects:** None known.

### Toxicological information on hazardous chemical constituents of this product:

Component	Oral LD50 (rat)	Dermal LD50 (rabbit)	Inhalation LC50 4hr (rat)
COPPER 7440-50-8	n/d	n/d	n/d
TRADE SECRET (Non-hazardous) MIXTURE	n/d	n/d	n/d

'n/d' = not determined

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available.

**Mobility and persistence:** No data available.

**Environmental fate:** No data available.

## 13. DISPOSAL CONSIDERATIONS

Please see also Section 15, Regulatory Information.

**Recommended Method of Disposal:** If material becomes a waste, it would not be a hazardous waste by RCRA criteria (40CFR 261). Dispose of according to applicable federal, state and local regulations.

US EPA Waste Number: NH - Not a RCRA Hazardous Waste Material.

## 14. TRANSPORT INFORMATION

Proper shipping name: Not regulated

Technical name: N/A

Hazard class: N/A

UN/ID Number: N/A

Packing group: N/A

Emergency Response Guide no: N/A

## 15. REGULATORY INFORMATION

### U.S. Federal Regulations

#### TSCA:

All ingredients of this product are listed or are exempt from listing on the TSCA Inventory.

#### The following RCRA code(s) applies to this material if it becomes waste:

None

#### Regulatory status of hazardous chemical constituents of this product:

Component	Extremely Hazardous*	Toxic Chemical**	CERCLA RQ (lbs)	12B EXPORT NOTIFICATION:
COPPER 7440-50-8	No	Yes	5000 lbs. (2270 kg)	Not required
TRADE SECRET (Non-hazardous) MIXTURE	No	No	0.0	Not required

\*Consult the appropriate regulations for emergency planning and release reporting requirements for substances on the SARA Section 301 Extremely Hazardous Substance List.

\*\*Substances for which the "Toxic Chemical" column is marked "Yes" are on the SARA Section 313 list of Toxic Chemicals, for which release reporting may be required. For specific requirements, consult the appropriate regulations.

**For purposes of SARA Section 312 hazardous materials inventory reporting, the following hazard classes apply to this material:** Immediate health hazard

**California regulations:** For purposes of the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Prop 65), this product does not contain any chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

#### Canadian Regulations

**WHMIS Hazard Class:** D2B TOXIC MATERIALS

## 16. OTHER INFORMATION

#### Hazardous Material Information System (HMIS) rating:

Health 1\* Flammability 1 Physical Hazard 0

HMIS is a registered trademark of the National Paint and Coatings Assn.

**Revision Date:** September/15/2008

**Revision Number:** 3

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