

# MATERIAL SAFETY DATA SHEET

## Radiator Specialty Company

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POISON INFORMATION & EMERGENCY: 303-623-5716

### 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.

### US DEPARTMENT OF LABOR

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

### SECTION I GENERAL INFORMATION

PRODUCT NAME LIQUID WRENCH® SUPER PENETRANT (POUR)  
PART NUMBER L1 04, 04V, 04N, 08, 16, 32, 34, 40, 49

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 II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT	WT%	C.A.S. NO.	TLV (ACGIH-----OSHA-----)
Aliphatic Petroleum Distillate	89-90	8008-20-6	100 ppm (Air)
Petroleum Mineral Oil	9-11	64742-06-9	5 mg/m3

Warning: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

#### Comments:

Components not identified are non-hazardous according to 29 CFR 1910.1200

### SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Specific Gravity (H <sub>2</sub> O=1)	0.805	pH	Not applicable
Solubility in Water	Insoluble	Solubility in Solvent	Petroleum
Flash Point (Method) - F°	132° (TCC)	% Volatiles By Wt.	90%
Melting Point - F°	N/A	Boiling Point - F°	320°
Vapor Pressure (mmHg)	N/A	Vapor Density (Air=1)	N/A
Evaporation Rate (Butyl Acetate=1)	N/A		
Appearance and Odor	Dark liquid with petroleum odor.		

### SECTION IV FIRE AND EXPLOSION HAZARD DATA

#### EXTINGUISHING MEDIA: COMBUSTIBLE!

Water Fog      Foam xx      CO<sub>2</sub>    xx      Dry Chemical    xx

SPECIAL FIRE FIGHTING PROCEDURES. Wear self-contained, positive pressure breathing apparatus and protective clothes.

UNUSUAL FIRE AND EXPLOSION HAZARDS KEEP AWAY FROM IGNITION SOURCES AND OPEN FLAME.

## SECTION V REACTIVITY DATA

## SECTION VI HEALTH HAZARD INFORMATION

## SECTION VII EMERGENCY AND FIRST AID PROCEDURES

## SECTION VIII SPECIAL PROTECTION INFORMATION

## SECTION IX PRECAUTIONS FOR SAFE HANDLING AND USE

<b>SPILL OR LEAK PROCEDURE</b>	Observing health hazards described above, ventilate area, remove ignition sources, confine spill, wipe with rags and transfer to waste drum.
<b>WASTE DISPOSAL METHOD</b>	<i>Dispose of in accordance with all applicable government laws and regulations.</i>
<b>STORAGE AND HANDLING PRECAUTIONS</b>	KEEP AWAY FROM IGNITION SOURCES AND OXIDIZERS!! Store in a cool place.
<b>OTHER PRECAUTIONS</b>	WEARING CONTACT LENSES IS INADVISABLE! KEEP AWAY FROM CHILDREN AND ANIMALS!

HAZARD INFORMATION LABEL DATA			
HAZARD CODE	FLAMMABILITY	2	REACTIVITY
4- Extreme		2	
3- High			
2- Moderate	HEALTH	2	0
1- Slight			
0- Negligible			SPECIAL

Supersedes NOV 1998

OSHA Revised OCTOBER 2001

Title R. GEER - CHEMIST

*While Radiator Specialty Company believes this data is accurate as of the revision date, we make no warranty with respect to the data and we expressly disclaim all liability for reliance thereon. The data is offered solely for information, investigation, and verification.*

