

249950, 249961, 175303,
249972

L1
(POUR)

MATERIAL SAFETY DATA SHEET

Radiator Specialty Company

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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

SECTION I GENERAL INFORMATION

PRODUCT NAME SOLDER SEAL LIQUID WRENCH NO. 1 (POUR)
PARTS NUMBER L1-04, -04V, -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 xxxxx OSHA ———)
Aliphatic Petroleum Distillate	89-90	8008-20-6	100 ppm (Air)
Petroleum Mineral Oil	9-11	64742-06-9	5mg/m3 (Mist)

Comments: National Toxicology Program (NTP)

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

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Specific Gravity (H2O = 1) 0.82 pH N/A
 Solubility in Water Insoluble Solubility in Solvent Petroleum
 Flash Point (Method) - F° Greater Than 120 F (TCC) % Volatiles By Wt. 90%
 Melting Point - F° N/A Boiling Point - F° Greater Than 300 F
 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: Caution: COMBUSTIBLE!!!
Water Fog _____ Foam xx CO2 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

OSHA # 317172

SECTION V REACTIVITY DATA

Stable <u>XX</u> Unstable _____ Corrosive <u>NO</u> Hazardous Polymerization? Yes _____ No <u>XX</u>
Incompatibilities Strong oxidizers.
Hazardous Decomposition or Byproducts Fire: Normal products of combustion, smoke, carbon dioxide, carbon monoxide and Sulfur Trioxides.

SECTION VI HEALTH HAZARD INFORMATION

Recommended TLV of Product 100ppm (Air) Aliphatic Petroleum Distillate*	
EYE CONTACT Irritant.	SKIN CONTACT Irritant. Prolonged exposure can cause dermatitis.
INHALATION Excessive inhalation can cause dizziness, respiratory and lung irritation.	INGESTION Can cause gastric disturbance, nausea. Aspiration can lead to lung irritation. HARMFUL OR FATAL IF SWALLOWED
OTHER N/A	

SECTION VII EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT Flush with water for 15 minutes thoroughly, while lifting the eyelids. If adverse effects persist, get medical attention immediately.
SKIN CONTACT Wash with soap and water thoroughly. Remove contaminated clothing and launder before re-use.
INHALATION Remove to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, apply artificial respiration. Get medical attention.
INGESTION DO NOT INDUCE VOMITING!! Get medical attention immediately. DO NOT ADMINISTER EPINEPHRINE OR ADRENALIN...

SECTION VIII SPECIAL PROTECTION INFORMATION

CONSUMER	BULK HANDLING (Prolonged Exposure)
RESPIRATORY PROTECTION N/A	Use NIOSH approved self-contained respirator.
VENTILATION Use with adequate ventilation.	General
EYE PROTECTION N/A	Wear fully protective goggles or face shield.
PROTECTIVE CLOTHING N/A	Solvent resistant gloves and apron.

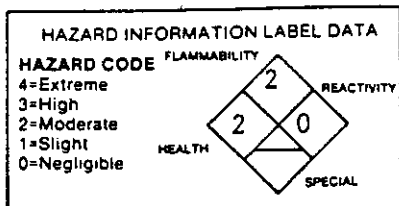
SECTION IX PRECAUTIONS FOR SAFE HANDLING AND USE

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

Supersedes September, 1986

OSHA Revised April, 1987

Title I. Liebman, Technical Dire



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