

H1BAK1463

Solder Seal Liquid Wrench No. 1 (Aerosol) L1-04

MATERIAL SAFETY DATA SHEET

Effective Date: 6-1-92

Revision Date: none

Solder Seal Liquid Wrench No. 1 (Aerosol)

Code: RSC

Page: 1

Section 1 - Product and Company Identification

PRODUCT NAME: Solder Seal Liquid Wrench No. 1 (Aerosol)

MANUFACTURER'S NAME:
Radiator Specialty Company
1400 West Independence Blvd.
Charlotte, NC 28208

EMERGENCY TELEPHONE NUMBER

MISCELLANEOUS INFORMATION
(704) 377-6555

Section 2 - Hazardous Ingredients

COMPONENT	WT %	CAS NO.	TLV (ACGIH-----OSHA-----)
Aliphatic Petroleum Distillate*	89-90	8008-20-6	100 ppm (Air)
Petroleum Mineral Oil	8-9	64742-06-9	5 mg/m3 (Mist)
Carbon Dioxide (Propellant)	2-3	124-38-9	5000 ppm (Air)

COMMENTS: This product does not contain more than .1% of any known carcinogen listed by NTP, IARC, or OSHA.

COMMENTS: *This chemical is subject to reporting requirements of section 313 SARA TITLE III.

Section 3 - Hazards Identification

RECOMMENDED TLV OF PRODUCT: 5 mg/m3 (Mist) Petroleum Mineral Oil

EYE CONTACT: Irritant

INHALATION: Excessive inhalation can cause dizziness, respiratory and lung irritation.

SKIN CONTACT: Irritant. Prolonged exposure can cause dermatitis.

INGESTION: Harmful or fatal if SWALLOWED! Can cause gastric disturbance, nausea. Aspiration can lead to lung irritation

OTHER: N/A

Effective Date: 6-1-92

Revision Date: none

Solder Seal Liquid Wrench No. 1 (Aerosol)

Code: RSC

Page: 2

=====
Section 4 - First Aid Measures

EYE CONTACT: Flush with water for at least 15 minutes thoroughly, while lifting 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 5 - Firefighting Measures

EXTINGUISHING MEDIA: Caution: COMBUSTIBLE!
Water Fog Foam XX CO2 XX Dry Chemical XX

SPECIAL FIRE FIGHTING PROCEDURES: Water spray to cool containers. Shield to protect from venting, rupturing or bursting cans.

UNUSUAL FIRE AND EXPLOSION HAZARDS: At elevated temperatures containers may vent, rupture or burst, even violently.

=====
Section 6 - Environmental Release Measures

SPILL OR LEAK PROCEDURE: Observing health hazards described above, remove ignition sources, ventilate area. Confine spill, wipe-up with rags, reansfer to waste.

=====
Section 7 - Handling and Storage

STORAGE AND HANDLING PRECAUTIONS: Keep away from ignition source and oxidizers!

OTHER PRECAUTIONS: Wearing contact lenses is inadvisable! Do not puncture or incinerate containers, keep away from children and animals.

=====
MATERIAL SAFETY DATA SHEET

Effective Date: 6-1-92

Revision Date: none

Solder Seal Liquid Wrench No. 1 (Aerosol)

Code: RSC

Page: 3

=====
Section 8 - Exposure Controls/Personal Protection

CONSUMER:

RESPIRATORY PROTECTION: N/A
VENTILATION: Use with adequate ventilation
EYE PROTECTION: N/A
PROTECTIVE CLOTHING: N/A

BULK HANDLING(Prolonged Exposure):

RESPIRATORY PROTECTION: Use NIOSH approved self-contained respirator.
VENTILATION: General
EYE PROTECTION: Wear fully protective goggles or face shield
PROTECTIVE CLOTHING: Solvent-resistant gloves and apron

=====
Section 9 - Physical and Chemical Properties

SPECIFIC GRAVITY (H2O=1): 0.82
SOLUBILITY IN WATER : Insoluble
FLASH POINT(Method)-F : Greater than 120 Deg. F (TCC)
MELTING POINT-F : N/A
VAPOR PRESSURE (mmHg) : N/A
EVAPORATION RATE
(Butyl Acetate=1) : N/A
APPEARANCE AND ODOR : Dark liquid with petroleum odor.
pH : N/A
SOLUBILITY IN SOLVENT : Hydrocarbons
% VOLATILES BY WT. : 90%
BOILING POINT-F : Greater than 300 Deg. F
VAPOR DENSITY(Air=1) : N/A

=====
Section 10 - Stability and Reactivity

STABLE: XXX

CORROSIVE: NO

HAZARDOUS POLYMERIZATION: NO

INCOMPATIBILITIES: Strong oxidizers.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Fire: Normal products of combustion,
smoke, carbon dioxide, carbon monoxide, Sulfur Trioxide.

=====
Section 11 - Toxicological Information

Not available.

=====
MATERIAL SAFETY DATA SHEET

Effective Date: 6-1-92

Revision Date: none

Solder Seal Liquid Wrench No. 1 (Aerosol)

Page: 4

Code: RSC

=====
Section 12 - Ecological Information

Not available.

=====
Section 13 - Disposal Considerations

WASTE DISPOSAL METHOD: Dispose of in accordance with all applicable
government laws and regulations.

=====
Section 14 - Transport Information

Not available.

=====
Section 15 - Regulatory Information

HAZARD INFORMATION LABEL DATA

HAZARD CODE:

4=Extreme 3=High 2=Moderate 1=Slight 0=Negligible

HEALTH : 2

FLAMMABILITY:

REACTIVITY : 2

SPECIAL : *pr

*Pressure

=====
Section 16 - Other Information

SUPERSEDES: November 1990

OSHA REVISED: June 1992

TITLE: I. Liebman, Technical Director

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
your information, investigation and verification.