

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Moly Paste Aerosol
 Item number: 51050
 Product Type: Lubricant
 Company Address: Henkel Loctite Corporation
 1001 Trout Brook Crossing
 Rocky Hill, Connecticut. 06067
 Medical Emergency Number: (860) 571-5100
 Fax: (860) 571-5465

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	%	Exposure Limits
Mineral oil	64742-52-5	5-10	TWA: 5 STEL: 10 mg/m3 ACGIH TWA: 5 mg/m3 OSHA
Molybdenum disulfide	1317-33-5	10-20	TWA: 10 mg/m3 ACGIH TWA: 15 mg/m3 OSHA total
n-Heptane	142-82-5	40-60	TWA: 1640 STEL: 2050 mg/m3 ACGIH TWA: 400 STEL: 500 ppm ACGIH TWA: 500 ppm OSHA
Propane	74-98-6	5-10	TWA: 2000 mg/m3 OSHA TWA: 2500 ppm ACGIH TWA: 1000 ppm OSHA
Butane	106-97-8	5-10	TWA: 1800 mg/m3 OSHA TWA: 1900 mg/m3 ACGIH TWA: 800 ppm ACGIH

3. HAZARDS IDENTIFICATION

****EMERGENCY OVERVIEW****

PHYSICAL STATE: Aerosol. COLOR: Black. ODOR: Solvent.

DANGER! EXTREMELY FLAMMABLE . CONTENTS UNDER PRESSURE. HARMFUL IF
 INHALED OR SWALLOWED. MAY CAUSE EYE, SKIN, AND RESPIRATORY
 TRACT IRRITATION.

Potential Health Effects

Eye: Mild eye irritant. Redness. Mechanical irritant. Rubbing may cause abrasion of cornea.

Skin: Mild skin irritation. Prolonged dermal contact may cause dermatitis and defatting.

Ingestion: May be harmful if swallowed. Ingestion may cause abdominal discomfort, nausea, and diarrhea.

Inhalation: Mild respiratory tract irritation. Inhalation of vapors may cause headache, nausea, or dizziness. Repeated or prolonged exposure to the substance can produce nervous system damage.

Conditions Aggravated by Exposure:
 Not available.

Chronic:
 Detailed information provided in section 11.

4. FIRST AID MEASURES

Eye: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

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Skin:
Wash thoroughly with soap and water. Get medical attention if irritation develops and persists.

Ingestion:
Keep individual calm. DO NOT induce vomiting. Get medical attention.

Inhalation:
Remove to fresh air. If symptoms develop and persist, get medical attention.

Note to Physician:
None.

5. FIRE FIGHTING MEASURES

Flash Point:
CLOSED CUP : -156.F (-104.C).

Extinguishing Media:
In case of fire, use water spray (fog), foam, dry chemicals, or CO2.

Flammable Limits:
LOWER: 1.2% UPPER: 9.5%

Special Fire Fighting Procedures:
Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

Hazardous Combustion Products:
Irritating and toxic fumes.

Unusual Fire or Explosion Hazards:
Gas may accumulate in low or confined areas, travel considerable distance to source of ignition and flash back causing fire or explosion.

6. ACCIDENTAL RELEASE MEASURES

In Case of Spill or Leak:
Immediately contact emergency personnel. Eliminate all ignition sources. Keep unnecessary personnel away.

7. HANDLING AND STORAGE

Handling:
Do not puncture or incinerate container. Keep away from heat, sparks and flame. Use only with adequate ventilation.

Storage:
Keep in a cool and well-ventilated area.

For information on product shelf life, contact Loctite Customer Service at 1(800)243-4874

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:
Use local exhaust ventilation if the potential for airborne exposure exists.

Eye/Face Protection:
Chemical splash goggles or safety glasses with side shields.

Skin Protection:
Chemical resistant, impermeable gloves are recommended.

Respiratory Protection:
Not normally needed. Use a NIOSH approved respirator if the potential for airborne exposure exists.

See Section 2 COMPOSITION/INFORMATION ON INGREDIENTS for exposure limits

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9. PHYSICAL AND CHEMICAL PROPERTIES

Color: Black.
 Material State: Aerosol.
 Odor: Solvent.
 Boiling point: Not applicable.
 pH: Not applicable.
 Solubility in Water: Slightly soluble
 Specific gravity: 0.85
 VOC: 568g/L
 Vapor Pressure: >13.3 kPa (@ 20.C)
 Vapor density: >1 (Air = 1)
 Evaporation Rate: <1 compared to Ether (anhydrous).

10. STABILITY AND REACTIVITY

Stability:
 Stable.
 Conditions to Avoid:
 Sparks. Flames. Heat. Direct sunlight.
 Incompatibility:
 None known
 Hazardous Polymerization:
 Will not occur.
 Hazardous Decomposition Products:
 Oxides of carbon.

11. TOXICOLOGY INFORMATION

Product Toxicology Data:
 Not available.

Ingredient	Carcinogen		
	NTP	IARC	OSHA
Mineral oil	No	No	No
Molybdenum disulfide	No	No	No
n-Heptane	No	No	No
Propane	No	No	No
Butane	No	No	No

Key to abbreviations:
 Not applicable.

Ingredient	Health Effects/Target organs
Mineral oil	Irritant.
Molybdenum disulfide	No target organs.
n-Heptane	Central nervous system. Irritant.
Propane	Cardiac. Central nervous system. Irritant.
Butane	Cardiac. Central nervous system. Irritant. Lung.

12. ECOLOGICAL INFORMATION

Ecological Information:
 None known

13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal:
 Do not puncture or incinerate. Dispose according to EPA and local governmental regulations.

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EPA Hazardous Waste Number:
D001: Ignitable Waste

14. TRANSPORTATION INFORMATION

Domestic Transportation (D.O.T. 49 CFR)-GROUND

Shipping Description:
Shipping name: Consumer Commodity
Class/Division: ORM-D (2.1)
IDENTIFICATION Number: UN1950
Packing group: Not applicable.

Exceptions:
None.

International Air Transportation (ICAO/IATA)-

Shipping description:
Shipping name: Aerosols, Flammable
Class/Division: 2.1
Identification Number: UN1950
Packing group: Not applicable.

Exceptions:
None.

Marine pollutant:
None known

15. REGULATORY INFORMATION

SARA Title III Section 313 Chemicals:
None.

SARA Title III Section 311/312:
None.

Toxic Substances Control Act:
All components are listed on or are exempt from listing on the Toxic
Substances Control Act Inventory.

TSCA Section 12(b) annual:
None.

TSCA Section 12(b) one time:
None.

Canadian Inventory Status:
All components are listed on or are exempt from listing on the Canadian
Domestic Substances List.

California Proposition 65:
No California Proposition 65 chemicals are known to be present.

16. OTHER INFORMATION

NFPA Code:
Health: 1
Flammability: 4
Reactivity: 0
Special: None

HMIS Code:
Health: 1
Flammability: 4
Reactivity: 0
Protective Equipment: See Section 8.