



## Material Safety Data Sheet

### SWEENEY 503 MOLY PASTE

#### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Moly Paste  
Item number: 51048, 51049 and 51145  
UPC #79340510487 (51048)  
UPC #79340510494 (51049)  
UPC #79340511453 (51145)  
Product Type: Lubricant  
Company Address: Loctite Corporation  
1001 Trout Brook Crossing  
Rocky Hill, Connecticut. 06067  
Medical Emergency Number: (860) 571-5100  
Fax: (860) 571-5465

#### SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	%	Exposure Limits
Mineral oil	64742-52-5	20-30	TWA: 5 STEL: 10 mg/m3 ACGIH TWA: 5 mg/m3 OSHA
Aluminum stearate	637-12-7	0.5-1	TWA: 3 mg/m3 ACGIH respirable TWA: 10 mg/m3 ACGIH total TWA: 5 mg/m3 OSHA respirable
Molybdenum disulfide	1317-33-5	60-100	TWA: 15 mg/m3 OSHA total TWA: 10 mg/m3 ACGIH TWA: 15 mg/m3 OSHA total

#### SECTION 3 - HAZARDS IDENTIFICATION

##### \*\*\*\*EMERGENCY OVERVIEW\*\*\*\*

PHYSICAL STATE: Paste. COLOR: Grey to black. ODOR: None.

CAUTION! MAY CAUSE EYE AND SKIN IRRITATION.

##### Potential Health Effects

##### Eye:

Mild eye irritant.

##### Skin:

Mild skin irritation. Prolonged contact may cause defatting and redness

##### Ingestion:

Ingestion may cause abdominal discomfort, nausea, and diarrhea.

Inhalation:  
May irritate nose and throat

Conditions Aggravated by Exposure:  
Not available.

Chronic:  
Detailed information provided in section 11.

#### **SECTION 4 - FIRST AID MEASURES**

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

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.

#### **SECTION 5 - FIRE FIGHTING MEASURES**

Flash Point:  
CLOSED CUP : 320.F (160.C). Tagliabue.

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

Flammable Limits:  
Not available.

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

Hazardous Combustion Products:  
Oxides of carbon.

Unusual Fire or Explosion Hazards:  
None.

#### **SECTION 6 - ACCIDENTAL RELEASE MEASURES**

In Case of Spill or Leak:  
Soak up with inert absorbent. Store in closed container until disposal.

#### **SECTION 7 - HANDLING AND STORAGE**

Handling:  
Avoid contact with eyes. Avoid contact with skin and clothing. Wash thoroughly after handling.

**Storage:**

Keep container tightly closed. Keep in a cool and well-ventilated area.

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

**SECTION 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

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Color:	Grey to black.
Material State:	Paste.
Odor:	None.
Boiling point:	Not available.
pH:	Not applicable.
Solubility in Water:	Slightly soluble
Specific gravity:	1.9614
VOC:	Not available.
Vapor Pressure:	Not available.
Vapor density:	>1 (Air = 1)
Evaporation Rate:	<1 compared to Butyl acetate.

**SECTION 10 - STABILITY AND REACTIVITY****Stability:**

Stable.

**Conditions to Avoid:**

Prolonged exposure to heat.

**Incompatibility:**

Water

**Hazardous Polymerization:**

Will not occur.

**Hazardous Decomposition Products:**

Hydrocarbons.

**SECTION 11 - TOXICOLOGICAL PROPERTIES**

Product Toxicology Data:  
Not available.

Ingredient	NTP	Carcinogen	
		IARC	OSHA
Mineral oil	No	No	No
Aluminum stearate	No	No	No
Molybdenum disulfide	No	No	No

Key to abbreviations:  
Not applicable.

Ingredient	Health Effects/Target organs
Mineral oil	Irritant.
Aluminum stearate	Lung.
Molybdenum disulfide	No target organs.

**SECTION 12 - ECOLOGICAL INFORMATION**

Ecological Information:  
None known

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Recommended Method of Disposal:  
Dispose according to EPA and local governmental regulations.  
EPA Hazardous Waste Number:  
Not applicable.

**SECTION 14 - TRANSPORTATION INFORMATION**

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

Shipping Description:  
Not regulated.  
Exceptions:  
Not applicable.

International Air Transportation (ICAO/IATA)-  
Shipping description:  
Not regulated.  
Exceptions:  
Not applicable.

Marine pollutant:  
None known

**SECTION 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.

**SECTION 16 - OTHER INFORMATION**

NFPA Code:

Health: 1  
 Flammability: 1  
 Reactivity: 0  
 Special: None

HMIS Code:

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

Prepared by: Safety, Health and Regulatory Affairs - North America