

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Clover Silicon Carbide Grease Mix Grit Size 320
Item number: 39510
Product Type: Sharpening compound.
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	60-80	TWA: 5 STEL: 10 mg/m3 ACGIH TWA: 5 mg/m3 OSHA
Tallow, calcium salt	68309-87-5	10-20	Not established.
Silicon carbide	409-21-2	20-30	TWA: 10 mg/m3 ACGIH TWA: 5 mg/m3 OSHA respirable TWA: 15 mg/m3 OSHA total
Crystalline silica	14464-46-1	0.1-0.5	TWA: 0.05 mg/m3 ACGIH respirable

3. HAZARDS IDENTIFICATION

****EMERGENCY OVERVIEW****

PHYSICAL STATE:Viscous liquid. COLOR:Grey. ODOR:Mild. Oil.

CAUTION! MAY CAUSE EYE AND SKIN IRRITATION.

Potential Health Effects

Eye:

Mild eye irritant.

Skin:

Mild skin irritation. Redness.

Ingestion:

None expected in normal industrial use.

Inhalation:

None expected in normal industrial use.

Conditions Aggravated by Exposure:

Skin disorders. Respiratory disorders.

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.

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:

OPEN CUP : 400.F (204.C) Cleveland.

MATERIAL SAFETY DATA SHEET

Page 02 of 04

Product Name: Clover Silicon Carbide Grease
Item No.: 39510

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.

6. ACCIDENTAL RELEASE MEASURES

In Case of Spill or Leak:

Soak up with inert absorbent. Store in closed container until disposal.

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

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:

Neoprene gloves.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Color: Grey.
Material State: Viscous liquid.
Odor: Mild. Oil.
Boiling point: 285 to 900.F (141 to 482.C)
pH: Not applicable.
Solubility in Water: Slightly soluble
Specific gravity: 1.3548
VOC: Not available.
Vapor Pressure: Not available.
Vapor density: >1 (Air = 1)
Evaporation Rate: <1 compared to Butyl acetate.

10. STABILITY AND REACTIVITY

Stability:

Stable.

MATERIAL SAFETY DATA SHEET

Page 03 of 04

Product Name: Clover Silicon Carbide Grease
 Item No.: 39510

Conditions to Avoid:
 Excessive Heat.

Incompatibility:
 None known

Hazardous Polymerization:
 Will not occur.

Hazardous Decomposition Products:
 Hydrocarbons.

11. TOXICOLOGY INFORMATION
 Product Toxicology Data:
 Not available.

Ingredient	NTP	Carcinogen	
		IARC	OSHA
Mineral oil	No	No	No
Tallow, calcium salt	No	No	No
Silicon carbide	No	No	No
Crystalline silica	1	2A	No

Key to abbreviations:

NTP 1 - Known carcinogen. IARC N/A - Not applicable. IARC 2A - Probable human carcinogen.

Ingredient	Health Effects/Target organs
Mineral oil	Irritant.
Tallow, calcium salt	Not available.
Silicon carbide	Nuisance dust.
Crystalline silica	Lung. Human Carcinogen. Immune system. Kidney.

12. ECOLOGICAL INFORMATION
 Ecological Information:
 None known

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

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

15. REGULATORY INFORMATION
 SARA Title III Section 313 Chemicals:
 None.

MATERIAL SAFETY DATA SHEET

Page 04 of 04

Product Name: Clover Silicon Carbide Grease
Item No.: 39510

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:
This product contains chemicals known to the state of California to
cause cancer. (Crystalline silica, Silica, quartz).

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.