

Safety Data Sheet

VLC-280

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200.

Date Prepared: November 22, 2010
Review / Revision: May 2014

1. IDENTIFICATION

Part No. and Description: VLC-280, Valve Lapping Compounds 280 grit

Product Name: Clover Silicon Carbide Grease Mix.

IDH Number: 232872

Product Type: Sharpening Compound

Item Number: 39401

Manufacturer: Henkel Corporation

Distributor: Goodson Tools & Supplies

One Henkel Way

156 Galewski Drive

Rocky Hill, CT 06067

Winona, MN 55987

860-571-5100

507-452-1830 or 800-533-8010

Emergency Phone: 800-924-6804 (24 hours)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Physical State: Liquid, Paste

Color: Gray

Odor: Mild, Petroleum

HMIS

Health: *1

Flammability: 1

Physical Hazard: 0

Personal Protection: See Section 8

Caution: May cause eye and skin irritation

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects

Inhalation: Inhalation of mist or spray may cause irritation of the respiratory tract and nasal passages.

Skin Contact: May cause skin irritation with discomfort or rash.

Eye Contact: Contact with eyes will cause irritation.

Ingestion: Not expected to be harmful by ingestion.

Existing condition aggravated by exposure: Eye, skin, and respiratory disorders.

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| <u>Hazardous Components</u> | <u>CAS Number</u> | <u>%</u> |
|-----------------------------|-------------------|----------|
| Petroleum Distillates | Proprietary | 30 - 60 |
| Silicon carbide | 409-21-2 | 30 - 60 |
| Cristobalite | 14464-46-1 | 0.1 - 1 |

4. FIRST AID MEASURES

Inhalation: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If symptoms develop and persist, get medical attention.

Skin Contact: Wash with soap and water. If symptoms develop and persist, get medical attention

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms develop and persist, get medical attention.

Ingestion: If conscious, drink plenty of water. Never give anything by mouth to an unconscious person. If symptoms develop and persist, get medical attention.

5. FIRE FIGHTING MEASURES

Flash Point: > 93°C (> 199.4°F) Cleveland open cup

Flammable/Explosive limits-lower%: Not available

Extinguishing media: Carbon dioxide, foam, powder

Special fire fighting procedures: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Unusual fire or explosion hazards: In case of fire, keep containers cool with water spray.

Hazardous combustion products: Oxides of carbon, oxides of nitrogen, irritating organic vapors.

Autoignition temperature: Not available

Flammable/Explosive limits-upper%: Not available

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions: Do not allow product to enter sewer or waterways.

Clean-up Methods: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Scrape up spilled material and place in a closed container for disposal.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mists of this product. Wash thoroughly after handling.

Storage: Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

| <u>Hazardous Components</u> | <u>ACGIH TLV</u> | <u>OSHA PEL</u> | <u>AIHA WEEL</u> | <u>OTHER</u> |
|-----------------------------|--|--|------------------|--------------|
| Petroleum Distillates | 5 mg/m ³ TWA mist 10 mg/m ³ STEL mist | 5 mg/m ³ TWA (mist) | None | None |
| Silicon carbide | 10 mg/m ³ TWA Inhalable fraction. 3 mg/m ³ TWA Respirable fraction. | 5mg/m ³ TWA Respirable fraction. 15 mg/m ³ TWA Total dust. | None | None |
| Cristobalite | 0.025 mg/m ³ TWA Respirable fraction. | 1.2 MPPCF TWA Respirable. 0.05 mg/m ³ TWA Respirable. 0.15 mg/m ³ TWA Total dust. | None | None |

Engineering Controls: Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination.

Respiratory Protection: Use NIOSH approved respirator if there is potential to exceed exposure limit(s).

Eye/Face Protection: Safety goggles or safety glasses with side-shields.

Skin Protection: Use impermeable gloves and protective clothing as necessary to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid, Paste

Color: Gray

Odor: Mild, petroleum

Odor Threshold: Not available

pH: Not available

Vapor pressure: Not available

Boiling point/range: 285-900°F (140.6 - 482.2°C) none
Specific Gravity: 1.3548
Flash point: >93°C (>199.4°F) Cleveland open cup
Flammable/Explosive limits-upper: Not available
Evaporation rate: Less than butyl acetate.
Partition coefficient (n-octanol/water): Not available

Melting Point/range: Not available
Vapor Density: Heavier than air.
Flammable/Explosive limits - lower: Not available
Autoignition temperature: Not available
Solubility in water: Not available
VOC content: Essentially Zero

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous Reactions: Will not occur
Hazardous Decomposition Products: Oxides of carbon. Hydrocarbons Acrid smoke and fumes.
Incompatible materials: Strong oxidizing agents. **Conditions to Avoid:** Stable.

11. TOXICOLOGICAL PROPERTIES

| <u>Hazardous Components</u> | <u>NTP Carcinogen</u> | <u>IARC Carcinogen</u> | <u>OSHA Carcinogen Specifically Regulated</u> |
|-----------------------------|---|------------------------|---|
| Petroleum Distillates | NO | NO | NO |
| Silicon Carbide | NO | NO | NO |
| Cristobalite | Known Carcinogen | Group 1 | NO |
| <u>Hazardous Components</u> | <u>Health Effects/Target Organs</u> | | |
| Petroleum Distillates | Irritant | | |
| Silicon Carbide | Nuisance dust | | |
| Cristobalite | Carcinogen, Immune system, Kidney, Lung | | |

12. ECOLOGICAL INFORMATION

Ecological information: Do not empty into drains / surface water / ground water.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.
Recommended method of disposal: Follow all local, state, federal and provincial regulations for disposal.
Hazardous waste number: Not a RCRA hazardous waste.

14. TRANSPORTATION

The shipping classifications in this section are for non-bulk packaging only (unless otherwise specified). Shipping classification may be different for bulk packaging.

U.S. Department of Transportation Ground (49 CFR):

Proper Shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

International Air Transportation (ICAO/IATA):

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

Water Transportation (IMO/IMDG):

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

TSCA 12 (b) Export Notification: None above reporting de minimus.

CERCLA/SARA Section 302 EHS: None above reporting de minimus.

CERCLA/SARA Section 311/312: Immediate Health Hazard, Delayed Health Hazard.

CERCLA/SARA 313: None above reporting de minimus.

California Proposition 65: This product contains a chemical known to the State of California to cause cancer.

Canada Regulatory Information

CEPA DSL/NDL Status: All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

WHMIS hazard class: D.2.A, D.2.B

16. REGULATORY INFORMATION

Revised to new format

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