

# Safety Data Sheet

# VLC-4, pt 1

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

Preparation: September 2008  
Review / Revision: May 2014

## 1. IDENTIFICATION

**Part No. and Description:** VLC-4, Valve Lapping Compound, 280 grit.

**Product Type:** Sharpening Compound.

**IDH Number:** 702080

**Item Number:** 39598\_79509000

**Manufacturer:** Henkel Corporation  
One Henkel Way  
Rocky Hill, CT 06067  
860-571-5100

**Distributor:** Goodson Tools & Supplies  
156 Galewski Drive  
Winona, MN 55987  
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 conditions 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.

**Autoignition temperature:** Not available.

**Flammable/Explosive limits-lower%:** Not available.

**Flammable/Explosive limits-upper%:** 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.

## 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 vapors and 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 <sup>3</sup> TWA mist 10 mg/m <sup>3</sup> STEL mist	5 mg/m <sup>3</sup> TWA mist	None	None
Silicon carbide	10 mg/m <sup>3</sup> TWA Inhalable fraction. 3 mg/m <sup>3</sup> TWA Respirable fraction.	5 mg/m <sup>3</sup> TWA Respirable fraction. 15 mg/m <sup>3</sup> TWA Total dust.	None	None
Cristobalite	0.025 mg/m <sup>3</sup> TWA Respirable fraction.	1.2 MPPCF TWA Respirable. 0.05 mg/m <sup>3</sup> TWA Respirable. 0.15 mg/m <sup>3</sup> 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

**Odor:** Mild, petroleum

**pH:** 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

**Color:** Gray

**Odor threshold:** Not available

**Vapor pressure:** 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 INFORMATION

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, Delayed Health.

**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/NDSL 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. OTHER INFORMATION**

**Disclaimer:** The data contained herein are furnished for information only and are believed to be reliable. However, Goodson does not assume responsibility for any results obtained by persons over whose methods Goodson has no control. It is the user's responsibility to determine the suitability of Goodson's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any of Goodson's products. In light of the foregoing, Goodson specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Goodson products. Goodson further disclaims any liability for consequential or incidental damages of any kind, including lost profits.

# Safety Data Sheet

# VLC-4, pt 2

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

Preparation: September 2008  
Review / Revision: August 2013

## 1. IDENTIFICATION

**Part No. and Description:** VLC-4, Valve Lapping Compound, 120 grit.

**Product Type:** Sharpening Compound.

**IDH Number:** 702079

**Item Number:** 39598\_79504000

**Manufacturer:** Henkel Corporation  
One Henkel Way  
Rocky Hill, CT 06067  
860-571-5100

**Distributor:** Goodson Tools & Supplies  
156 Galewski Drive  
Winona, MN 55987  
507-452-1830 or 800-533-8010

**Emergency Phone:** 800-688-4005 (24 hours)

## 2. HAZARDS IDENTIFICATION

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**Color:** Gray

**Odor:** Mild, Petroleum

### HMIS

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**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.

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Hazardous Components</u>	<u>CAS Number</u>	<u>%</u>
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Silicon carbide	409-21-2	30 - 60

## 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) HST-US D09F; Flash/Fire Point By Cleveland Open Cup.

**Autoignition temperature:** Not available.

**Flammable/Explosive limits-lower%:** Not available.

**Flammable/Explosive limits-upper%:** 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.

## 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.

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Silicon carbide	10 mg/m3 TWA Inhalable fraction. 3 mg/m3 TWA Respirable fraction.	5 mg/m3 TWA Respirable fraction. 15 mg/m3 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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid, paste

**Odor:** Mild, petroleum

**pH:** Not available

**Color:** Gray

**Odor threshold:** Not available

**Vapor pressure:** Not available

**Boiling point/range:** 141 - 482°C (285.8 - 899.6°F)

**Specific Gravity:** 1.3548

**Flash point:** >93°C (>199.4°F) HST-US D09F; Flash/Fire Point By Cleveland Open Cup

**Flammable/Explosive limits-lower:** Not available

**Autoignition temperature:** Not available

**Solubility in water:** Not available

**VOC content:** Essentially Zero

**Melting point/range:** Not available

**Vapor Density:** Heavier than air

**Flammable/Explosive limits-upper:** Not available

**Evaporation rate:** Less than butyl acetate

**Partition coefficient (n-octanol/water):** Not available

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Silicon Carbide	NO	NO	NO

<u>Hazardous Components</u>	<u>Health Effects/Target Organs</u>
Petroleum Distillates	Irritant
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**Ecological information:** Do not empty into drains / surface water / ground water.

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**Identification number:** None

**Packing group:** None

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**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

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

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

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