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# SAFETY DATA SHEET

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## **SECTION 1 – IDENTIFICATION:**

**Product name:** Stove Gasket Cement (Item #'s 80/80B/81)  
**Recommended use:** Non-combustible Caulk  
**Restrictions on use:** No further information available  
**Supplier:** A.W. Perkins Co.  
36 Curtis Ave  
Rutland, VT 05701  
Tel: (802) 773-3600  
Fax: (802) 773-6555  
**Emergency telephone:** M-F 8-5:30 802-773-3600

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## **SECTION 2 – HAZARDS IDENTIFICATION:**

**GHS Classification:** None allocated

**GHS Label elements:** None allocated

**Hazard symbols:** None

**Signal word:** None

**Hazard statements:** None

**Precautionary statements:**

**Prevention:** Not applicable

**Response :** Not applicable

**Storage:** Not applicable

**Disposal:** Not applicable

**Other hazards:** None known

**Supplemental information:** No further information available

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## **SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS:**

**Substance/Mixture :** Mixture

Chemical Name	CAS No.	Concentration (%)
Sodium Silicate	1344-09-8	15.0 – 35.0
Kaolin Clay*	1332-58-7	30.0 – 65.0
Ferric Oxide	1309-37-1	0.1 – 1.0

\*Contains <1% crystalline silica (quartz) and <1% Titanium Dioxide

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to the health and the environment and hence require reporting in this section.

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

**Eye contact:** Flush with copious quantities of lukewarm water for at least 15 minutes. Remove contact lenses, if present and easy to do, and continue rinsing. Seek medical attention immediately if irritation persists.

**Skin contact:** Remove contaminated clothing. Wash thoroughly with warm water and non-abrasive soap. Seek medical attention if you feel ill or a reaction develops.

<b>Inhalation:</b>	If product vapor causes respiratory irritation, move the exposed person to fresh air and provide water. Seek medical attention if you feel ill or a reaction develops.
<b>Ingestion:</b>	Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.
<b>Most important symptoms/effects, acute and delayed:</b>	
<b>Eyes:</b>	Cause eye irritation. Symptoms may include redness, itching, swelling, tearing and discomfort.
<b>Skin:</b>	May cause skin irritation. Symptoms may include localized redness, itching and discomfort.
<b>Inhalation: Chronic:</b>	Vapor may cause irritation of the respiratory tract. Persons with pre-existing skin disorders or respiratory impairment may be more susceptible to the effects of this material. May cause dermatitis or dry skin. Titanium Dioxide is a suspected animal carcinogens. Crystalline Silica (quartz) has been determined to be carcinogenic as respirable dust. Ferric Oxide is a suspected carcinogen.
<b>Indication of immediate medical attention and special treatment needed:</b>	Provide general supportive measures and treat symptomatically.

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

<b>Suitable extinguishing media:</b>	Carbon dioxide, dry chemical, water fog or foam.
<b>Unsuitable extinguishing media:</b>	None known.
<b>Specific hazards arising from the chemical:</b>	Closed containers may explode due to the buildup of pressure when exposed to extreme heat. Exposure to combustion products may be hazard to health. Symptoms may not be immediately apparent or may be delayed. Obtain medical attention.
<b>Special protective equipment and precautions for fire fighters:</b>	Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Water may be used to cool closed containers to prevent pressure buildup and possible autoignition or explosion when exposed to extreme heat. Determine the need to evacuate or isolate the area according to your local emergency plan.

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#### **SECTION 6 – ACCIDENTAL RELEASE MEASURES:**

<b>Personal precautions, protective equipment and emergency procedures:</b>	Evacuate non-essential personnel. Remove all sources of ignition. Ventilate the area. Follow safe handling advice and personal protective equipment recommendations in Section 8.
<b>Environment precautions:</b>	Discharged into the environment must be avoided. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.
<b>Methods and materials for containment and cleaning up:</b>	Restrict access to the area of the spill. Provide ventilation and protective clothing. Scrape up caulk and place in container for disposal. Clean area as appropriate since spilled materials can represent a slip hazard. Cleaning may require steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately. Local, state, provincial, federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup.

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#### **SECTION 7 – HANDLING AND STORAGE:**

<b>Precautions for safe handling:</b>	Handle in accordance with good industrial hygiene and safety practice. Wear all appropriate protective clothing and equipment specified in Section 8. Take care to prevent spills, waste and minimize release to the environment.
<b>Conditions for safe storage, including any incompatibilities:</b>	Store in an adequately ventilated area under dry conditions between 50°F (10°C) to 77°F (25°C) and keep container tightly sealed when not in use.

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#### **SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION:**

**Control Parameters:**

Ingredient	CAS No.	OSHA PEL	ACGIH TLV	NIOSH
Sodium Silicate	1344-09-8	5 mg/m <sup>3</sup> (respirable fraction)* 15 mg/m <sup>3</sup> (total dust)	10 mg/m <sup>3</sup> (inhalable particulate) 3 mg/m <sup>3</sup> (respirable fraction)	-----
Kaolin Clay	1332-58-7	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> mg/m <sup>3</sup> (respirable fraction)	2 mg/m <sup>3</sup> (respirable fraction)	10 mg/m <sup>3</sup> (total dust) 5 mg/ m <sup>3</sup> (respirable fraction)
Titanium Dioxide	13463-67-7	10 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable fraction)	10 ppm (as dust)	-----
Crystalline Silica	14808-60-7	10 mg/m <sup>3</sup> (respirable dust)	0.025 mg/m <sup>3</sup> (respirable fraction)	0.05 mg/m <sup>3</sup> (respirable fraction)
Ferric Oxide	1309-37-1	10 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> (respirable fraction)	5 mg/m <sup>3</sup> TWA

\*Related to particles; otherwise not regulated

**Engineering controls:**

Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations. In indoor applications, passive ventilation (opening of doors and windows) is recommended. Local exhaust as necessary to keep exposure levels within guidelines. Use an organic vapor NIOSH / MSHA approved respirator is recommended when in confined areas.

**Personal protective equipment:**

Safety glasses with side-protection, impermeable gloves (e.g., neoprene, nitrile, silver shield (R)), coveralls or apron are important in preventing contamination of eyes, skin and clothing. Wash thoroughly after handling.

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**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES:**

Appearance:	Opaque black paste
Odor:	Mild
Odor threshold:	Not available
pH (ASTM D1293):	Not available
Melting point/Freezing point:	Not available
Initial boiling point and boiling range:	Not available
Flash point:	Not applicable
Evaporation rate:	Slower than ether
Flammability (solid, gas):	Not applicable
Upper flammability or explosion limit:	Not available
Lower flammability or explosion limit:	Not available
Vapor pressure:	Not applicable
Vapor density:	>1 (Air=1)
Specific gravity:	1.76 – 1.81
Solubility:	Not available
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	Not applicable
Volatiles by volume @70°F:	35 – 39%

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**SECTION 10 – STABILITY AND REACTIVITY:**

Reactivity: No special reactivity has been reported.

<b>Chemical stability:</b>	Hazardous polymerization does not occur.
<b>Possibility of hazardous reactions:</b>	Stable under normal conditions.
<b>Conditions to avoid:</b>	None known.
<b>Incompatible materials:</b>	High temperatures and incompatible materials.
<b>Hazardous decomposition products:</b>	Strong oxidizing agents, acids, ammonium salts, chemically active metals
	Thermal decomposition products include silicone oxides.

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## **SECTION 11 - TOXICOLOGICAL INFORMATION:**

### **Information on the likely routes of exposure:**

<b>Inhalation:</b>	Prolonged inhalation may be harmful.
<b>Ingestion:</b>	May be harmful if swallowed.
<b>Skin contact:</b>	May cause skin irritation.
<b>Eye contact:</b>	May cause eye irritation on direct contact.

### **Symptoms related to the physical, chemical and toxicological characteristics:**

No further information available.

### **Acute toxicity:**

Expected to have low acute oral toxicity.  
Expected to have low acute inhalation toxicity.  
Expected to have low acute dermal toxicity.

### **Skin corrosion/irritation:**

May cause skin irritation.

### **Serious eye damage/irritation:**

May cause eye irritation.

### **Aspiration hazard:**

No data available

### **Specific target organ toxicity - single exposure:**

No data available

### **Specific target organ toxicity – repeated exposure:**

No data available

### **Respiratory or skin sensitization:**

No data available

### **Carcinogenicity:**

**Titanium Dioxide:**

IARC Group 2B Carcinogen – Possibly carcinogen to humans.

Not listed as a carcinogen by ACGIH, OSHA or NTP.

**Crystalline silica (quartz)** is considered a hazard by inhalation and there may be a relationship between silicosis and certain cancers.

IARC: Group 1- Carcinogenic to humans.

ACGIH: A2- Suspected human carcinogen.

NTP – Known carcinogen (select carcinogen)

NIOSH: Potential occupational carcinogen.

**Ferric Oxide:**

IARC: Group 3 Carcinogen – Not classifiable as to its carcinogenicity to humans

ACGIH: A4 Carcinogen – Not classifiable as a human carcinogen.

Not listed as a carcinogen by OSHA or NTP.

### **Reproductive toxicity:**

No data available.

### **Teratogenicity:**

No data available.

### **Germ-cell mutagenicity:**

No data available.

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## **SECTION 12 – ECOLOGICAL INFORMATION:**

### **Ecotoxicity:**

Expected to have low toxicity to aquatic organisms with little impact on the aquatic environment. The ecotoxicity of this product has not been evaluated.

### **Persistence and degradability:**

Organic materials in this product is expected to biodegrade over time.

### **Bioaccumulative potential:**

Not expected to bioaccumulate.

### **Mobility in soil:**

No data available.

### **Other adverse effects:**

Do not allow material to run into surface waters, wastewater or soil.

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

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## **SECTION 13 – DISPOSAL CONSIDERATIONS:**

### **Disposal instructions:**

Although this product is classified as non-hazardous under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, this material and its containers should be disposed of in a safe way as empty containers may contain product residue. Do not incinerate closed container. Dispose of contents/ container in accordance with local, regional, national and international regulations.

### **Waste from residues:**

Dispose of in accordance with local regulations.

### **Contaminated packaging:**

Dispose of as unused product.

Empty containers should be taken to an approved waste handling site for recycling or disposal.

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**SECTION 14 - TRANSPORT INFORMATION:**

**Shipping Information:** Not subject to DOT, TDG, IMDG Code or IATA Regulations.

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**SECTION 15 - REGULATORY INFORMATION:****U.S. Federal Regulations:****OSHA Hazard Communication Standard:**

This material is classified as hazardous in accordance with OSHA 29 CFR 1910 – 1200.

**SARA 302/304 Extremely Hazardous Substances:**

No components of this product are subject to the reporting requirements of these sections of Title III of SARA.

**SARA 302/304 Emergency Planning & Notification:**

No components of this product are subject to the reporting requirements of these sections of Title III of SARA.

**SARA 311/312 Hazards:** Acute Health Hazard

**SARA 313:** None of the components of this product are subject to the reporting requirements established by Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986.

**Comprehensive Response Compensation and Liability Act (CERCLA):**

None of the components of this product are CERCLA reportable.

**Clean Air Act (CAA):**

This product does not contain any substances listed as Hazardous Air Pollutants (HAPs) designated in CAA Section 112(b). This product does not contain any Class 1 or Class 2 Ozone depleters.

**Clean Water Act (CWA):**

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

**U.S. State Regulations:**

**California Proposition 65:** This product contains chemical(s) known to the State of California to cause cancer and birth defects or other reproductive harm. In paste form as supplied here the silica and Titanium Dioxide is not free to become respirable.

**Other U.S. State Inventories:**

Kaolin Clay (CAS #1332-58-7) is listed on the following State Hazardous Substance Inventories, Right-to-Know lists and/or Air Quality/Air Pollutants lists: ID, MN, NJ, PA, WA.

Titanium Dioxide (CAS #113463-67-7) is listed on the following State Hazardous Substance Inventories, Right-to-Know lists and/or Air Quality/Air Pollutants lists: IL, MA, MN, NJ, PA, RI.

Crystalline Silica (as quartz), contained at <0.1%, is listed on the following State Hazardous Substance Inventories, Right-to-Know lists and/or Air Quality/Air Pollutants lists: ID, MA, NJ, PA, WA.

Ferric Oxide (CAS #1309-37-1) is listed on the following State Hazardous Substance Inventories, Right-to-Know lists and/or Air Quality/Air Pollutants lists: CA, ID, MA, NJ, PA, WA, WI.

**Canadian National Pollutant Release Inventory (NPRI):**

None of the components of this product are listed on the NPRI.

**The ingredients of this product are reported in the following inventories:**

**TSCA:** All components of this product are listed or exempted from listing on the TSCA inventory of Chemical Substances.

**DSL:** All chemical substances in this product comply with the CEPA 1999 and NSNR and are on or exempted from listing on the Canadian Domestic Substances List (DSL).

**NFPA Profile:** Health 1, Flammability 0, Reactivity 0

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**SECTION 16 - OTHER INFORMATION:**

**Prepared by:**  
**Revision date:**

Technical Services Department  
April 16, 2025

The information herein is given in good faith, but no warranty, express or implied, is made. Product users should make independent judgements of the suitability of this information to ensure proper use and to protect the health and safety of employees.

Form: SDS Rev.: 6

Date: 04/25