



## MATERIAL SAFETY DATA SHEET

### SECTION 1 IDENTITY

**NAME OF PRODUCT:**

**Surface De-burring Brush with DB prefix or PHT honing stone.**

**MANUFACTURER'S NAME AND ADDRESS:**

SUNNEN PRODUCTS COMPANY  
7910 MANCHESTER  
ST. LOUIS, MO 63143

**CONTACT:**

CHUCK KORN

**DATE:**

NOVEMBER 28, 1996

**EMERGENCY TELEPHONE NUMBER:**

314-781-2105

### SECTION 2 INGREDIENTS/IDENTITY (PER 29 CFR 1910.1200(g))

CHEMICAL NAME OF COMPONENTS	CAS NO.	Wt.%	OSHA Z1A 8 HR TWA	OSHA Z1A STEL	OSHA Z1A SKIN mg./cu.m.	ACGIH TWA	CARCINOGENIC
Silicon Carbide	409-21-2	<40	10 (total dust)	none	none	10	No

FOR FURTHER SAFETY AND HEALTH INFORMATION REGARDING THE COMPOSITION OF THIS MATERIAL CONTACT SUNNEN PRODUCTS.

These mixture ingredients are cited on the following lists:

NAME	CAS	CITATIONS
Silicon Carbide	409-21-2	4,13,16,17,22

1=IARC 2=OSHA 3=NTP 4=ACGIH 5=NTPA49 6=NTPA325M 7=DOT HMT 49CFR172.101 8=EPA 9=RTECS 10=MA RTK 11=AK RTK 12=CA RTK 13=FL RTK 14=IL RTK 15=ME RTK 16=MN RTK 17=NH RTK 18=NJ RTK 19=Cincinnati, OH RTK 20=Norwood, OH RTK 21=PA RTK 22=RI RTK 23=WV RTK

### SECTION 3 PHYSICAL & CHEMICAL CHARACTERISTICS

SPECIFIC GRAVITY (WATER=1)..... 1.2  
 APPEARANCE AND ODOR..... Gray brown monofilament  
 PERCENT VOLATILE BY WEIGHT..... Not volatile  
 REACTIVITY IN WATER..... No hazardous reactions.  
 BOILING POINT..... Untested  
 VAPOR DENSITY (Air=1)..... Heavier than air.  
 VAPOR PRESSURE (mm Hg)..... Not volatile  
 EVAPORATION RATE..... Not volatile  
 SOLUBILITY IN WATER..... Not soluble

### SECTION 4 SPECIAL PRECAUTIONS

HANDLING AND STORAGE: None.

## SECTION 5 CORROSIVELY AND REACTIVITY DATA

STABILITY: Material is stable under normal conditions of transport and storage. POLYMERIZATION: Hazardous polymerization does not occur. INCOMPATIBILITY (MATERIALS TO AVOID): Strong Acids, bases and oxidizing agents. HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and ammonia from thermal decomposition. Above 280°C, traces of sulfur dioxide and toluene may be present.

## SECTION 6 HEALTH, FIRST AID AND MEDICAL DATA

ACUTE AND CHRONIC HEALTH EFFECTS AND EFFECTS OF OVEREXPOSURE. PRIMARY ROUTE(S) OF ENTRY ARE: Inhalation. Abbreviations used in the following section: SKIN=Skin absorption. EYE=Eye contact. INHAL=Inhalation INGEST=Ingestion. THE INFORMATION PRESENTED AND CONCLUSIONS DRAWN ARE FROM SOURCES OTHER THAN DIRECT TEST DATA.

**SILICON CARBIDE:** ACUTE: SKIN: Dust may irritate skin. EYE: Dust may irritate eyes. INHAL: Nuisance particulate. INGEST: NAIF. CHRONIC: SKIN: NAIF. EYE: NAIF. INHAL: Progressive lung disease. INGEST: NAIF.

### EMERGENCY FIRST AID

**INHALATION:** Remove from further exposure. If unconsciousness occurs, seek immediate medical assistance and call a physician. If breathing has stopped, begin mouth to mouth resuscitation. **EYE CONTACT:** Remove contact lenses (if wearing) and flush eyes with water for 15 minutes. Seek medical attention to check for possible irritation. **SKIN CONTACT:** Wash contact areas with mild non-abrasive soap and water. **INGESTION:** Do not induce vomiting. Call physician or poison control center immediately.

## SECTION 7 HANDLING, STORAGE AND USE PROCEDURES

NORMAL STORAGE AND HANDLING: Store under ordinary conditions. NORMAL USE: Use only as recommended. Practice good personal hygiene while honing. Wash hands thoroughly to remove honing oil and microscopic particles of metal debris (suspended in the oil) before touching other parts of the body, food, drinks or smoking to avoid contact with or ingestion of metal fines. Avoid inhalation of dust. FOR INDUSTRIAL USE ONLY. Keep out of reach of children. Not suitable for use in or around household or dwelling. STEPS TO BE TAKEN IN CASE OF LEAKS OR SPILLS: Not applicable. WASTE DISPOSAL METHOD: Incineration or landfill.

## SECTION 8 PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Not normally required. Avoid inhalation of dust. VENTILATION- LOCAL: Normal MECHANICAL: Not required. SKIN PROTECTION: Not normally required. EYE PROTECTION: Always wear NIOSH approved safety glasses when honing or operating machinery. OTHER EQUIPMENT: Effective metal-working protective clothing as appropriate. MEASURES TO BE TAKEN DURING REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT THAT HAS BEEN IN CONTACT WITH THIS MATERIAL: Not applicable.

## SECTION 9 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Unknown. EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chemical and water fog. SPECIAL FIRE FIGHTING PROCEDURES: For fires in enclosed areas, fire fighters must use self-contained breathing apparatus. AUTO-IGNITION TEMPERATURE: Not Established UNUSUAL FIRE AND EXPLOSION HAZARDS: Toxic fumes. Combustion will produce oxides of carbon and ammonia may be formed during burning. Above 280°C, traces of sulfur dioxide and toluene may be present.

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