



MATERIAL SAFETY DATA SHEET

SECTION 1 IDENTITY

NAME OF PRODUCT:
XJ-28 SUPER TRUING COMPOUND

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
WATER	7732-18-5	72	NONE	NONE	NONE	NONE	N
ACRYLIC ACID, HOMOPOLYMER AMINE SALT	NA	<1	NONE	NONE	NONE	NONE	N
SILICON CARBIDE	409-21-2	27	10 DUST/ 5 RESPIRABLE	NONE	NONE	10	N
PRESERVATIVE	NA	<0.1	NONE	NONE	NONE	NONE	N

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	4,9,13,16,17,22
PRESERVATIVE	NA	5,6,9,17,22

1=IARC 2=OSHA 3=NTP 4=ACGIH 5=NFA49 6=NFA325M 7=DOT HMT 49CFR172.101 8=EPA SARA III 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)1.3
 APPEARANCE AND ODOR Dark black gel.
 PERCENT VOLATILE BY WEIGHT <72%
 REACTIVITY IN WATER No hazardous reactions.
 BOILING POINT 212 F (100 C)
 VAPOR DENSITY (Air=1)..... Water vapor.
 VAPOR PRESSURE (mm Hg)..... Water vapor.

EVAPORATION RATE Same as water.
SOLUBILITY IN WATER..... Complete

SECTION 4 SPECIAL PRECAUTIONS

HANDLING AND STORAGE: None. Read and follow container warnings. Refer to MSDS Section 7 & 8.

SECTION 5 CORROSIVITY AND REACTIVITY DATA

STABILITY: Material is stable under normal conditions of transport and storage. POLYMERIZATION: Hazardous polymerization does not occur. INCOMPATIBILITY (MATERIALS TO AVOID): None Known. CONDITIONS TO BE AVOIDED: Freezing. HAZARDOUS DECOMPOSITION PRODUCTS: Combustion of material will produce oxides of Nitrogen and Carbon.

SECTION 6 HEALTH, FIRST AID AND MEDICAL DATA

ACUTE AND CHRONIC HEALTH EFFECTS AND EFFECTS OF OVEREXPOSURE. PRIMARY ROUTE(S) OF ENTRY ARE: INHALATION AND SKIN ABSORPTION. 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.

ACRYLIC ACID, HOMOPOLYMER AMINE SALT: ACUTE: SKIN: Prolonged repeated skin contact can cause skin irritation and inflammation due to mechanical abrasion. Predisposing factors: Usually individuals with sensitive skin. Material is not sterile and may infect open cuts or sores. EYE: May irritate the eyes from mechanical abrasion. INGEST: None Known. Acute oral toxicity: LD 50>2.5 gm./kg. (rats). INHAL: Not established. CHRONIC: SKIN: None Known. EYE: None Known. INHAL: None Known. INGEST: None Known.

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: Since emptied containers retain material residue, follow label warnings even after container is emptied and do not reuse container for other purposes. All precautions detailed on the container label apply to partially full or empty containers. Do not transfer to unlabeled containers. Use personal protection equipment and precautions as specified in Section 8. NORMAL USE: Practice good personal hygiene. Wash hands thoroughly to remove microscopic particles of abrasive (suspended in the gel) before touching other parts of the body, food, drinks or smoking to avoid contact with or ingestion of material. FOR INDUSTRIAL USE ONLY. Not suitable for use in or around household or dwelling. STEPS TO BE TAKEN IN CASE OF LEAKS OR SPILLS: No special precautions. Wipe up. WASTE DISPOSAL METHOD: The unused product, in our opinion, is not specifically listed by the EPA as a hazardous waste (40 CFR 261D), is not ignitable, not corrosive, not reactive and is not formulated with the metals cited in the EP Toxicity Test. Used material may be regulated. Containers should be disposed of in an environmentally safe manner and in accordance with applicable federal, state and local laws, regulations, rules, orders and ordinances.

SECTION 8 PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Not normally required. VENTILATION: Normal ventilation. SKIN PROTECTION: Not normally required. Launder contaminated clothing before reuse. EYE PROTECTION: Always wear NIOSH approved safety glasses when honing or operating machinery. OTHER EQUIPMENT: None required. MEASURES

TO BE TAKEN DURING REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT THAT HAS BEEN IN CONTACT WITH THIS MATERIAL: None required.

SECTION 9 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None EXTINGUISHING MEDIA: Foam, dry chemical or carbon dioxide. 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: Combustion will produce oxides of carbon and nitrogen. Although not classified as "combustible" (based on flash point and ignition properties) this product can be made to burn and will serve as a fuel source for a fire. Sealed containers may melt, leak, burst or explode, releasing contents and spreading fire, if exposed to extreme heat.

NOTICE

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