



Sierra Solutions

"The Little Company with the Big Products!"

Material Safety Data Sheet for *Shine™* all metal super polish

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SECTION 1 - GENERAL INFORMATION

MANUFACTURED FOR:

Sierra Solutions

1034 Emerald Bay Rd., Suite 424
South Lake Tahoe, CA 96150

EMERGENCY TELEPHONE:
TELEPHONE FOR INFORMATION:
DATE PREPARED:

Infotrac 1.800.535.5035
313.237.0277
06.05.00

HAZARD RATING
HEALTH: 1
FIRE: 1
REACTIVITY: 0

HAZARD RATING SCALE
0-MINIMAL 3-SERIOUS
1-SLIGHT 4-SEVERE
2-MODERATE

SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

SILICON DIOXIDE:
OSHA PEL:

CAS# 14808-60-7 > 21%
Exposure to airborne crystalline silica shall not exceed an 8 hour TWA limit as stated in 29 CFR 1910.1000 Table Z-1-A, air contaminants, specifically silica crystalline quartz (respirable) 0.1 mg/m³.

ACGIH TLV:

Crystalline Quartz TLV - TWA - 0.1 mg/m³. (respirable dust)

AMMONIA:
OSHA PEL, TWA:
ACGIH TLV, TWA:
STEL:

CAS # 7664-41-7 > 3%
50 ppm, 35 mg/m³.
25, ppm, 18 mg/m³.
35 ppm, 27 mg/m³.

SECTION 3 - PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT:
VAPOR PRESSURE:
VAPOR DENSITY: (air-1)
SPECIFIC GRAVITY: (H₂O-1)
MELTING POINT:
EVAPORATION RATE:
(butyl acetate)
SOLUBILITY IN WATER:
APPEARANCE AND ODOR:

212 F.
Like Water
0.7
1.02
No Data
1
Complete
Blue/Gray, ammonia order

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	Greater than 200 F.
FLAMMABLE LIMITS:	No Data
EXTINGUISHING MEDIA:	Water or suitable media for primary source of fire.
SPECIAL FIRE FIGHTING PROCEDURES:	Use OSHA approved self breathing apparatus material is involved in
contained when any a fire.	
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None Known

SECTION 5 - REACTIVITY DATA

STABILITY:	Stable
CONDITIONS TO AVOID:	Strong Reducing Agents
INCOMPATIBILITY (Materials to avoid):	None Known
HAZARDOUS DECOMPOSITION	None Known
HAZARDOUS POLYMERIZATION:	Will Not Occur
CONDITIONS TO AVOID:	None Known

SECTION 6 - HEALTH HAZARD DATA

ROUTES OF ENTRY:	Ingestion, Skin, Inhalation
HEALTH HAZARDS (Acute and Chronic):	
ACUTE:	Skin and Eye Irritant
CHRONIC:	None Known
CARCINOGENICITY: NTP, IARC MONOGRAPHS, OSHA REGULATED?:	No
SIGNS AND SYMPTOMS OF OVEREXPOSURE:	Skin and/or Eye Irritation
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:	None Known

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED: Pick up excess liquid, flush area with plenty of water.

WASTE DISPOSAL METHOD: In accordance with all local, state, and federal regulations.

PRECAUTIONS FOR SAFE HANDLING AND USE: Avoid getting in eyes, on skin, or clothing. Keep container closed when not in use. Washing thoroughly after handling is recommended but not necessary. Keep out of reach of children. Use normal housekeeping procedures.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION:	Normally Not Needed
VENTILATION:	Use Adequate Ventilation
PROTECTIVE GLOVES:	Normally Not Needed (rubber or P.V.C recommended)
EYE PROTECTION:	Avoid Contact with Eyes (OSHA approved goggles with side shields recommended)
D.O.T. SHIPPING INFORMATION:	No Special Shipping Information Required

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Immediately flush with running water for at least 15 minutes. Consult a physician.

SKIN: Flush affected area with plenty of running water. If irritation occurs, consult a physician

SWALLOWING: Immediately drink at least 2 glasses of milk or water to dilute stomach contents, consult a physician immediately.

INHALATION: If affected, remove to fresh air. If irritation occurs, consult a physician.