

MATERIAL SAFETY DATA SHEET

Identification
BOBBING COMPOUND
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Section 1

Supplier Information: Santa Fe Jewellery Supply 1513 Fifth Street Santa Fe, NM 87505	Emergency Telephone Number (773) 924-1515	Date Issued 2001/03/29
	Telephone Number for Information (773) 924-1515	Last Revision 2001/03/29

Section 2 - Hazardous Ingredients

INGREDIENT	CAS NUMBER	OSHA PEL	ACGIH TLV	OTHER RECOMMENDED LIMITS
Silica Quartz	14808-60-7		0.05 mg/m ³	respirable dust
Hazard Codes: Health - 1		Flammability - 1	Reactivity - 0	Personal - 0

Section 3 - Physical / Chemical Characteristics

Boiling Point 450 F	Vapor Pressure not available	Vapor Density not available	Appearance and Odor Solid bar- tallow or fat odor
Specific Gravity 2.5 3.0	Melting Point Not Available	Evaporation Rate (Butyl Acetate = 1) Not Available	Solubility in Water Insoluble

Section 4 - Fire and Explosion Hazard Data

Flash Point > 350 F	Flammable Limits No Data Available	UEL Not Available	Extinguishing Media CO ₂ , Dry Chemical, Foam
Special Fire Fighting Procedures Treat as grease fire, use air pack		Unusual Fire and Explosion Hazards Dense Smoke	LEL Not Available

Section 5 - Reactivity Data

Stability (Stable or Unstable) Stable	Conditions to Avoid Avoid high heat, open flame
Incompatibility (Materials to Avoid) Do not expose to strong oxidizer	Hazardous Decomposition or Byproducts If combustion is incomplete, Carbon Monoxide may form
Hazardous Polymerization (May occur or Will Not occur) Will not occur	

Section 6 - Health Hazard Data

Routes of Entry:	Inhalation? Yes	Skin? No	Ingestion? No
Carcinogenicity:	NTP? Yes; respirable silica content.	IARC Monographs? Yes, Group 1 agent	OSHA Regulated? No
Health Hazards (Acute and Chronic) Silica Quartz (tripoli): Excessive inhalation of respirable dust may result in respiratory disease, including silicosis, pneumoconiosis, and pulmonary fibrosis. The International Agency for Research on Cancer (IARC) has determined that inhaled crystalline silica (quartz) is carcinogenic to humans, IARC Monographs 68 - Silica, Some Silicates, and Organic Fibres, June 1997. The National Toxicology Program (NTP) classifies crystalline silica as "known to be a human carcinogen", (9th Report on Carcinogens (2000)).			
Signs and Symptoms of Exposure Over exposure may cause temporary irritation of eyes, ears, nose, or respiratory tract.			
Medical Conditions Generally Aggravated by Exposure Condition of individuals with lung disease (e.g. bronchitis, emphysema) may be aggravated by exposure			
Emergency and First Aid Care Remove to Fresh Air and Flush With Water			

Section 7 - Precautions for Safe Handling and Use

Steps To Be Taken in Case Material is Released Or Spilled Shovel into waste container	Waste Disposal Method Dispose in local landfill, in compliance with local, state and federal regulations.
Precautions To Be Taken in Handling And Storing Store at room temperature. Avoid excessive heat, open flame	Other Precautions After handling wash thoroughly

Section 8 - Control Measures

Respiratory Protection (Special Type) Use NIOSH/MSHA approved dust filter for exposure above permissible level, Mask Type 8710		
Ventilation	Local Exhaust Sufficient to maintain employee exposure	Special None
	Mechanical (General) below permissible level	Other None
Protective Gloves Yes	Eye Protection If exposure to dust is likely	Other Protective Clothing Or Equipment Long sleeve shirt recommended
Work Hygienic Practices After handling wash thoroughly		

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