

MATERIAL SAFETY DATA SHEET

Identification
3WS BLACK ROUGE
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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
Alumina	1344-28-1		10 mg/m ³	
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	Solubility in Water Insoluble
Specific Gravity (H ₂ O = 1) 1.5-2.0	Melting Point Not Available	Evaporation Rate (Butyl Acetate = 1) not available	Appearance and Odor Solid black bar- tallow or fat odor

Section 4 - Fire and Explosion Hazard Data		
Flash Point > 350 F	Flammable Limits No Data Available	UEL Not Available
Special Fire Fighting Procedures Treat as grease fire, use air pack	Unusual Fire and Explosion Hazards Dense Smoke	LEL Not Available
Extinguishing Media CO ₂ , Dry Chemical, Foam		

Section 5 - Reactivity Data	
Stability (Stable or Unstable) Stable	Conditions to Avoid Avoid high heat, open flames
Incompatibility (Materials to Avoid) Do Not Expose To Strong Oxidizers	Hazardous Decomposition or Byproducts If combustion is incomplete, Carbon Monoxide will 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? No	IARC Monographs? No	OSHA Regulated? No
Health Hazards (Acute and Chronic) Alumina: Over exposure may cause temporary irritation of eyes, ears, nose, and respiratory tract			
Signs and Symptoms of Exposure Over exposure may cause temporary irritation of eyes, ears, nose, and respiratory tract			
Medical Conditions Generally Aggravated by Exposure No data available			
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.
Other Precautions After handling wash thoroughly	Precautions To Be Taken in Handling And Storing Store at room temperature. Avoid excessive heat, open flame

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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