



# MATERIAL SAFETY DATA SHEET

Identification  
**K4 CROCUS COMPOSITION**  
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## Section 1

Manufacturer's Name The Matchless Metal Polish Company	Emergency Telephone Number ( 773 ) 924-1515	Date Issued 1998/09/24
Address 840 West 49th Place , Chicago, IL 60609	Telephone Number for Information ( 773 ) 924-1515	Last Revision 1998/09/23

## Section 2 - Hazardous Ingredients

INGREDIENT	CAS NUMBER	OSHA PEL	ACGIH TLV	OTHER RECOMMENDED LIMITS
Paraffin wax fumes ( byproduct of mixture use)			2 mg/m <sup>3</sup>	
Silica Quartz	14808-60-7		0.1 mg/m <sup>3</sup> 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	Solubility in Water Insoluble
Specific Gravity (H <sub>2</sub> O = 1) 1.5-2.0	Melting Point Not Available	Evaporation Rate (Butyl Acetate = 1) not available	Appearance and Odor Solid bar- tallow or fat odor

## Section 4 - Fire and Explosion Hazard Data

Flash Point Not Available	Flammable Limits No Data Available	UEL Not Available	LEL Not Available	Unusual Fire and Explosion Hazards Dense Smoke
Special Fire Fighting Procedures Treat as grease fire, use air pack			Extinguishing Media CO <sub>2</sub> , 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? Probable	IARC Monographs? Yes, Group 1 agent	OSHA Regulated? No
Health Hazards ( Acute and Chronic ) Crystalline Silica: Excessive inhalation of dust may result in respiratory disease, including silicosis, pneumoconiosis, and pulmonary fibrosis. The International Agency for Research on Cancer (IARC) has found sufficient evidence of carcinogenicity in humans, IARC Monographs on the evaluation of Carcinogenic Risk of Chemicals to Humans - Silica, Some Silicates, Coal Dust and Para-Aramid Fibrils, Volume 68, 1997,			
Signs and Symptoms of Exposure Over exposure may cause temporary irritation of eyes, ears, nose, and 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 Not Available	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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