

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



IDENTITY (As Used on Label and List)
Kasnit Surface Hardening Compound

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I No. 1 & No. 2

Manufacturer's Name Kasnit Co. Inc.	Emergency Telephone Number 845 (914) - 928-9595
Address (Number, Street, City, State, and ZIP Code) 29 Park Ave Highland Mills, N.Y. 10930	Telephone Number for Information 845 (914) - 928-9595
	Date Prepared 2002
	Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Sodium Ferrocyanide-Yellow Prussiate of Soda (CAS# 13601-19-9)				46%
Na₄ Fe(CN)₆		NA		

Section III — Physical/Chemical Characteristics

Boiling Point	NA	Specific Gravity (H ₂ O = 1)	1.85
Vapor Pressure (mm Hg.)	NA	Melting Point	1650° For 900°C
Vapor Density (AIR = 1)	NA	Evaporation Rate (Buyl Acetate = 1)	NA
Solubility in Water	27.8% at 12°C 90% at 100°C		
Appearance and Odor	Grey Powder- No Odor		

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
Extinguishing Media	Non Flammable		
Special Fire Fighting Procedures	Non Explosive		
Unusual Fire and Explosion Hazards			

Section V — Reactivity Data

Stability	Unstable _____	Conditions to Avoid	in solution in strong sunlight
As a solid	_____		
stable when	Stable _____		when stored in original container and dry
Cold	_____		
Incompatibility (Materials to Avoid)			Acids and strong Alkalis
Hazardous Decomposition or Byproducts			Co and HCN
Hazardous Polymerization	May Occur _____	Conditions to Avoid	
	Will Not Occur <input checked="" type="checkbox"/>		

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
Health Hazards (Acute and Chronic)	No hazard in original form and in container		
	By definition normal usage will create fume trace of CO and HCN		
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	No information available		
Signs and Symptoms of Exposure	Possible slight short-term irritation of skin and mucous membranes		
Medical Conditions Generally Aggravated by Exposure	No information available		
Emergency and First Aid Procedures	EYES: Flush with water		
	Skin: Wash with water		

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled	With spillage: Avoid Breathing dust and return to container
Waste Disposal Method	Collect in original or other dry container and dispose with normal refuse
Precautions to Be Taken in Handling and Storing	Store in original container in dry conditions
Other Precautions	Use in well ventilated area in order to dilute fumes evolved on pyrolysis

Section VIII — Control Measures

Respiratory Protection (Specify Type)	Not necessary		
Ventilation	Local Exhaust	Special	
	Mechanical (General)	Other	Good shop ventilation
Protective Gloves	No	Eye Protection	Normal Safety
Other Protective Clothing or Equipment	No		
Work/Hygienic Practices			