

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)
Kasenit 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 Kasenit Co. Inc.	Emergency Telephone Number 845 (914) - 928-9595
Address (Number, Street, City, State, and ZIP Code) 39 Park Ave	Telephone Number & Information 845 (914) - 928-9595
Highland Mills, N.Y. 10930	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°F or 900°C
Vapor Density (AIR = 1)	NA	Evaporation Rate (Butyl 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 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 X		

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	Not necessary		Special	
	Mechanical (General)	Yes		Other	Good shop ventilation
Protective Gloves	No	Eye Protection	Normal Safety		
Other Protective Clothing or Equipment	No				
Work/Hygienic Practices					