

Smith - JA

FROM : KASENIT

PHONE NO. : 845 986 8038

Jan. 07 2003 11:22PM P1

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)
Kasemit 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
Kasemit 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/Identify 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%
Na ₄ Fe(CN) ₆		NA		

Section III - Physical/Chemical Characteristics

Boiling Point	NA	Specific Gravity (H₂O = 1)	1.85
Vapor Pressure (mm Hg.)	NA	Melting Point	1650° For 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
stable when 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	
	Mechanical (General)	Yes	Other Good shop ventilatinn
Protective Gloves	No	Eye Protection	Normal Safety
Other Protective Clothing or Equipment	No		
Work/Hygienic Practices			