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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



1/22

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 (914)-928-9595
Address (Number, Street, City, State, and ZIP Code) 13 Park Ave Highland Mills, N.Y. 10930	Telephone Number for Information (914)-928-9595
	Date Prepared 1990
	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)				
Na ₄ Fe(CN) ₆		NA		

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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 (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			

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Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid
As a solid		in solution in strong sunlight
stable when cold	Stable	when stored in original container and dry

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?
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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