

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

000276



IDENTITY (As Used on Label and List) DC-2105, DC-4055
DEVELOPER FOR DC-211, 213RE, 313Z, 313ZD

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 DC-4085, DC-3285

Manufacturer's Name
NITA INDUSTRIAL CO., LTD.
Address (Number, Street, City, State, and ZIP Code)
2-28 TAMATSUKURI, 1 CHOME
HIGASHI-KU, OSAKA, JAPAN

Emergency Telephone Number
USA (201)-288-6900 JAPAN 06-764-3658
Telephone Number for Information
USA (201)-288-6900 JAPAN 06-764-3658
Date Prepared
NOVEMBER 15, 1985
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)
CAS. NO.	PEL: RESPIRABLE DUST	TOTAL DUST		
FERRITE POWDER	2mg/m ³	8mg/m ³		MORE THAN 80%
1314-13-2				
1309-37-1				
1309-48-4				
1317-38-0				
TONER FOR DC-211, 213RE, 313Z, 313ZD	2mg/m ³	8mg/m ³		LESS THAN 20%

Section III — Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	1.4
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (Air = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A

Solubility in Water INSOLUBLE

Appearance and Odor FINE BLACK POWDER, PRACTICALLY ODORLESS.

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
HIGHER THAN 350°C	N/A		

Extinguishing Media IF PRODUCT BECOMES INVOLVED IN A FIRE, USE CARBON DIOXIDE

Special Fire Fighting Procedures WATER, FOAM, OR DRY CHEMICALS.

Unusual Fire and Explosion Hazards NONE UNDER NORMAL STORAGE AND USE CONDITIONS.

Section V — Reactivity Data

Stability	Unstable	X	Conditions to Avoid	NONE
	Stable			

Incompatibility (Materials to Avoid) NONE

Hazardous Decomposition or Byproducts

NONE IN NORMAL HANDLING AND USE.

Hazardous Polymerization	May Occur	X	Conditions to Avoid	NONE
	Will Not Occur			

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation? RARE	Skin? MAY OCCUR	Ingestion? SHOULD NOT OCCUR
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Health Hazards (Acute and Chronic)

NONE IN NORMAL HANDLING AND USE.

Carcinogenicity:

NTP?

IARC Monographs?

OSHA Regulated?

AMES TEST RESULT IS NEGATIVE.

Signs and Symptoms of Exposure

NONE IN NORMAL HANDLING AND USE.

Medical Conditions
Generally Aggravated by Exposure

EYE CONTACT:

FLUSH EYES THOROUGHLY WITH WATER. SEEK MEDICAL TREATMENT.

INHALATION:

REMOVE FROM EXPOSURE.

Emergency and First Aid Procedures

INGESTION:

DILUTE STOMACH CONTENTS WITH SEVERAL GLASSES OF WATER. SEEK MEDICAL TREATMENT.

SKIN CONTACT:

NORMAL WASHING WITH SOAP AND WATER.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

SWEEP UP OR PICK UP BY VACUUM CLEANER. DUST FILTER RESPIRATOR REQUIRED

WHEN TLV EXCEEDED.

Waste Disposal Method

INSOLUBLE IN WATER. DISPOSE OF IN CONFORMITY WITH FEDERAL, STATE AND LOCAL REGULATIONS.

Precautions to Be Taken in Handling and Storing

KEEP CONTAINERS CLOSED. STORE IN A COOL, DRY PLACE.

Other Precautions

DO NOT STORE NEAR COMBUSTIBLES OR HEAT SOURCES.

Section VIII — Control Measures

Respiratory Protection (Specify Type)

NORMALLY NOT REQUIRED.

Ventilation

Local Exhaust

NORMALLY NOT REQUIRED.

Mechanical (General)

NORMALLY NOT REQUIRED.

Special

NORMALLY NOT REQUIRED.

Other

NORMALLY NOT REQUIRED.

Protective Gloves

NORMALLY NOT REQUIRED

Eye Protection

NORMALLY NOT REQUIRED.

Other Protective Clothing or Equipment

GLOVES AND DUST FILTER RESPIRATOR RECOMMENDED WHEN HANDLING BULK AMOUNTS.

Work/Hygienic Practices

CLEANSE ROOM THOROUGHLY IN COURSE OF OPERATING. MINIMIZE BREATHING DUST.