

FA 209, 210C, 210TC, 215Z, 2020, 2025, 2225

2022

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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
OSHA No. 1218-0072
MSDS #746

IDENTITY (As Used on Label and List) **BLACK DEVELOPER FOR**
DC-111, 112, 113, 142RE, 152Z, 1824RE, 1001, 114

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 1785, 2055, 1824Z, DC-2555, DC-2585, DC-1655, DC-1205, DC-1255

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

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)

HIGASHI-KU, OSAKA, JAPAN

Section II — Hazardous Ingredients/Identity 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%
54427-17-7				
TONER FOR DC-111, 112, 113, 142RE, 152Z				LESS THAN 20%
1824RE, 1001, 114				

Section III — Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	1.85
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.

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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?
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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	Special	NORMALLY NOT REQUIRED.
	NORMALLY NOT REQUIRED.		
Protective Gloves	Mechanical (General)	Other	NORMALLY NOT REQUIRED.
	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.