



Material Safety Data Sheet

Section 1: Chemical Product and Company Identification

Identification of the product: Soft Ferrite component, Z Material Grade

Identification of the manufacturer: Fair-Rite Products Corporation
One Commercial Row
Wallkill, NY 12589
Phone: (845) – 895 – 2055
Fax: (845) – 895 – 2629

Emergency contact: Phone: (845) – 895 – 2055

Section 2: Composition

Material: Nickel Zinc Spinel Ferrite

Main Component: NiZn ferrite

Other Components: None

CAS Number: 12645-50-0

Chemical Family: Ceramic sintered component

	NFPA	HMIS II
Health	1	1
Flammability	0	0
Reactivity	0	-
Physical Hazard	-	0
Personal Protection	-	-

Z Material Grade Sintered Component MSDS

Fair-Rite Products Corp.

Section 313 Supplier Notification: This product contains the following EPCRA Section 313 Chemicals Subject to the Reporting Requirements of Section 313 of the Emergency Planning and Community Right – To – Know Act of 1986 (40 CFR 372):

<u>CAS NUMBER</u>	<u>Material</u>	<u>Weight%</u>
N/A	Nickel (Ni) Compounds	< 15
N/A	Copper (Cu) Compounds	< 10
N/A	Cobalt (Co) Compounds	< 5
N/A	Zinc (Co) Compounds	< 20
N/A	Manganese (Mn) Compounds	< 5

Section 3: Hazard Identification

OSHA Hazard Communication Standard (OSHA, 29CFR 1910.1200):	n/a
OSHA Table Z-1-A Air Contaminant (OSHA, 29CFR 1910.1000):	n/a
Physical Hazards:	n/a
Health Hazards:	n/a

Section 4: First Aid Measures

Inhalation:	n/a
Eyes:	n/a
Skin:	n/a
Ingestion:	n/a

Section 5: Fire-Fighting Measures

Flash Point:	n/a
Flammable Limits in Air % by Volume	Lower: n/a Upper: n/a
Auto Ignition Temperature:	n/a
Extinguisher Media:	Appropriate for Surrounding Fire
Special Fire Fighting Procedures:	None

Unusual Fire and Explosion Hazards: None

Section 6: Accidental Release Measures

Steps to Be Taken if Accidentally Spilled or Released: None

Method for Cleaning up: Wipe off with brush and cloth

Section 7: Handling and Storage

Precautions to Be Taken in Handling and Storage: None

Other Precautions: None

Section 8: Exposure Controls and Personal Protection

Respiratory Protection: None required unless airborne dust is generated

Ventilation: None required unless airborne dust is generated

Protective Gloves: n/a

Eye Protection: Safety glasses

Other Protective Clothing or Equipment: n/a

Section 9: Physical and Chemical Properties

Boiling Point: < 2500 °F

Freezing/Melting point: n/a

Specific Gravity: 4.8

Vapor Pressure: n/a

Percent Volatile by Volume: n/a

Vapor Density (Air = 1): n/a

Evaporation Rate: n/a

Solubility in Water: Insoluble
Reactivity in Water: None
Appearance and Odor: Dark color component, odorless
Physical State: Solid ceramics
pH: n/a

Section 10: Stability and Reactivity

Stability: Stable
Conditions to Avoid: None – Material is inert
Incompatibility (Materials to Avoid): n/a
Hazardous Decomposition: n/a
Hazardous Polymerization: Will not occur

Section 11: Toxicological Information

Chemical Listed as Carcinogen or Potential Carcinogen:	Yes	No
National Toxicology Program:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
I. A. R. C. Monographs:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
OSHA:	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Section 12: Ecological Information

n/a

Section 13: Disposal Considerations

Waste Disposal Methods: Dispose in accordance with applicable Federal, State, and local regulations.

Section 14: Transport Information

n/a

Section 15: Regulatory Information

n/a

Section 16: Other Information

Preparation: This MSDS was prepared by the Engineering and QA Department of Fair-Rite on 02/02/2012.

This MSDS is the 1st version written in the new ANSI (The American National Standards Institute) standardized MSDS format (Z400.1-1993).