



# Material Safety Data Sheet

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## Section 1: Chemical Product and Company Identification

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**Identification of the product:** Soft Ferrite component, 51 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

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## Section 2: Composition

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**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	-	-

51 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	< 23
N/A	Copper (Cu) Compounds	< 8
N/A	Zinc (Zn) Compounds	< 23
N/A	Cobalt (Co) Compounds	< 2

### Section 3: Hazard Identification

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

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### Section 4: First Aid Measures

<b>Inhalation:</b>	n/a
<b>Eyes:</b>	n/a
<b>Skin:</b>	n/a
<b>Ingestion:</b>	n/a

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### Section 5: Fire-Fighting Measures

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

Unusual Fire and Explosion Hazards: None

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### Section 6: Accidental Release Measures

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Steps to Be Taken if Accidentally Spilled or Released: None

Method for Cleaning up: Wipe off with brush and cloth

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### Section 7: Handling and Storage

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Precautions to Be Taken in Handling and Storage: None

Other Precautions: None

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### Section 8: Exposure Controls and Personal Protection

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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

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### Section 9: Physical and Chemical Properties

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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:** Grey-Black component, odorless  
**Physical State:** Solid ceramics  
**pH:** n/a

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### Section 10: Stability and Reactivity

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

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### Section 11: Toxicological Information

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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"/>

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### Section 12: Ecological Information

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n/a

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### Section 13: Disposal Considerations

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

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### Section 14: Transport Information

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n/a

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**Section 15: Regulatory Information**

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n/a

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**Section 16: Other Information**

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

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