

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Material name**                    Soft Ferrite component, 42 Material Grade

**Product use**                     Electronics industry

**Product code**                    CAS Number: 12645-50-0

**Company Identification**        Fair-Rite Products Corporation  
One Commercial Row  
Wallkill, NY 12589  
Phone: (845) – 895 – 2055  
Fax:     (845) – 895 – 2629  
Emergency contact:  
Phone: (845) – 895 – 2055

**2. 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

NFPA 1

HMIS 1

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

**Material:**                        Nickel Zinc Spinel Ferrite

**Main Component:**            NiZn Ferrite

**Other Components:**         None

**Chemical Family:**            Ceramic component

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

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N/A	Copper (Cu) Compounds	< 8
N/A	Zinc (Zn) Compounds	< 23

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#### 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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#### 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
<b>Unusual Fire and Explosion Hazards:</b>	None

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#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	None
<b>Environmental precautions</b>	None
<b>Method for Cleaning up:</b>	Wipe off with brush and cloth

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#### 7. HANDLING AND STORAGE

<b>Precautions to Be Taken in Handling and Storage:</b>	None
<b>Other Precautions:</b>	None

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>Respiratory Protection:</b>	None required unless airborne dust is generated
<b>Ventilation:</b>	None required unless airborne dust is generated
<b>Protective Gloves:</b>	N/A
<b>Eye Protection:</b>	Safety glasses
<b>Other Protective Clothing or Equipment:</b>	N/A

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Boiling Point:</b>	< 2500 °F
<b>Freezing/Melting point:</b>	N/A
<b>Specific Gravity:</b>	4.8 g/cm <sup>3</sup>
<b>Vapor Pressure</b>	N/A
<b>Percent Volatile by Volume:</b>	N/A
<b>Vapor Density (Air = 1):</b>	N/A
<b>Evaporation Rate:</b>	N/A
<b>Solubility in Water:</b>	Insoluble
<b>Reactivity in Water:</b>	None
<b>Appearance and Odor:</b>	Gray solid component, odorless
<b>Physical State:</b>	sintered component
<b>pH:</b>	N/A

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**10. STABILITY AND REACTIVITY**

<b>Stability:</b>	Stable
<b>Conditions to Avoid:</b>	None – Material is inert
<b>Incompatibility (Materials to Avoid):</b>	N/A

**Hazardous Decomposition:** N/A

**Hazardous Polymerization:** Will not occur

**11. TOXICOLOGICAL INFORMATION**

<b>Chemical Listed as Carcinogen or Potential Carcinogen:</b>	<b>Yes</b>	<b>No</b>
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"/>

**12. ECOLOGICAL INFORMATION**

N/A

**13. DISPOSAL CONSIDERATIONS**

**Disposal instructions** Dispose in accordance with applicable Federal, State, and local regulations.

**14. TRANSPORT INFORMATION**

**General** Not a regulated article

**15. REGULATORY INFORMATION**

N/A

**16. OTHER INFORMATION**

**Preparation:** This SDS based on formerly known MSDS was prepared by the Engineering and QA Department of Fair-Rite Products Corp. according to Hazard Communication Standard (HCS) on 05/20/2015.