

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Material name**                      Soft Ferrite component, H 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	< 25

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N/A	Copper (Cu) Compounds	< 10
N/A	Cobalt (Co) Compounds	< 5
N/A	Zinc (Co) Compounds	< 10
N/A	Manganese (Mn) Compounds	< 1

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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**

**Precautions to Be Taken in Handling and Storage:** None

**Other Precautions:** None

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**8. EXPOSURE CONTROLS/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

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Boiling Point:** < 2500 °F

**Freezing/Melting point:** N/A

**Specific Gravity:** 4.8 g/cm<sup>3</sup>

**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:** Gray solid component, odorless

**Physical State:** sintered component

**pH:** N/A

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**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

**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"/>

**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.