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# STARBOND STRONTIUM FERRITE POWDER

HM 181, 402, 403, 406, 410, 413, 415, 418, 443, 206, 239, 243

## Material Safety Data Sheet

Status: Current as of 12/01/99

Revised: 12/01/99

Formula: SrFe12O19

Part Number: HM 181, 402, 403, 406, 410, 413, 415, 443, 206, 239, 243

Specification: NOT GIVEN

Keyword: Hexaferrite;

Stock Items: NOT GIVEN

Strontium Ferrite

### Manufacturer & Supplier:

Hoosier Magnetics Inc.

110 Denny Street

Ogdensburg, NY 13669

Phone: (315) 393-2203

Fax: (315) 393-0017

Hoosier Magnetics Inc.

2001 Cosby Street.

Washington, IN U.S.A 47501

Phone: (812) 254-6846

Fax: (812) 257-7050

### Physical/Chemical Characteristics

Boiling Point .....: NA

Melting Point .....: GT 2400°

Freezing Point.....: NA

Pour Point .....: NA

Softening Point.....: NA

Specific Gravity.....: EQ 4.9

Vapor Pressure.....: NA

Vapor Density.....: NA

Percent Volatiles.....: NA

Evaporation Rate.....: NA

pH.....: NA

Molecular Weight.....: EQ 1061.77

Viscosity.....: NA

Solubility in Water....: Slight

Odor/Appearance/Other Characteristics:

Black, Brown or Dark Grey Powder; No Odor.

### Fire and Explosion Data

Closed Cup Flash Pt....: NA

Open Cup Flash Point...: NA

Fire Point.....: NA

Auto Ignition.....: NA

Lower Explosion Limit..: NA

Upper Explosion Limit...: NA

Shipping Regulations

UN/NA Number: NG  
DOT Hazard Class: NA  
Shipping Label: NA  
Shipping Name: NA

Prepared

Preparer's Name & Title: Mr. Cyrus R. Jetter, Sr. Process Engineer  
Preparation Date: 04/12/93

Component (s):

Strontium Ferrite  
OSHA Pel: NG ppm 5 mg/m3  
ACGIH TLV: NG ppm NG mg/m3  
STEL: NG ppm NG mg/m3  
Percent of Product: EQ 100% CAS No. 12023-91-5  
Note: OSHA PEL - 5 mg/m3 fine powder, respirable fraction

Test Section (s)

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FIRE AND EXPLOSION DATA  
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No fire hazard. Will not ignite or burn.  
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HEALTH HAZARD DATA  
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No acute or chronic health hazards known.  
Not listed as carcinogen or potential carcinogen.

Emergency and first aid procedures recommended:

1. Inhalation - Remove individual to a dust free environment.
2. Eyes - Flush with water
3. Skin - Wash with soap and water
4. Ingestion - No known toxic effects. If side effects are observed, consult physician

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HAZARDOUS REACTION CONDITIONS  
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This product is stable.  
No known incompatibilities or hazardous decomposition products.  
Hazardous polymerization will not occur.

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ENVIRONMENTAL HAZARD -- DISPOSAL  
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Observe all Federal, State and Local regulations when disposing of this material. For assistance, contact the District Director of the Environmental Protection Agency.

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SPECIAL PROTECTION INFORMATION  
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The following is recommended:

1. Inhalation - A NIOSH approved dust mask should be worn. More stringent respiratory protection should be used in extremely dusty environment.
2. Eyes - Safety glasses, preferably goggles.
3. Skin - Protective gloves are desirable.
4. Hygienic Practices - Spilled powder should be cleaned immediately to minimize dusting.

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STORAGE AND HANDLING PRECAUTIONS  
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Precautions to be taken in handling and storage follow normal good housekeeping procedures to minimize dust generation.

Material released or spilled should be promptly cleaned up for use.

Powder should be stored in a dry environment.

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--- ADDITIONAL INFORMATION ---  
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For additional information, please contact our plant at (315) 393-1813.

End of MSDS