



HEXABOND BARIUM FERRITE POWDER

HM 130, 160, 170, 170-I, 176, 178, 180, 185, 302, 310

Material Safety Data Sheet

Harmonized Tariff Schedule number of US: 2821.10.0050

Status: Current Revised: 06/04/01

Formula: $BaFe_{12}O_{19}$ Part Number: HM 130, 160, 170, 170-I, 176, 178, 180, 185, 302, 310

Specification: NOT GIVEN Keyword: Hexaferrite;

Stock Items: NOT GIVEN Barium Ferrite

Manufacturer & Supplier:

Hoosier Magnetics Inc. – New York Plant
110 Denny Street Phone: (315) 393-2203
Ogdensburg, NY 13669 USA Fax: (315) 393-0017

Hoosier Magnetics Inc.
2001 Cosby Street. Phone: (812) 254-6846
Washington, IN U.S.A 47501 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 5.10
Vapor Pressure.....: NA
Vapor Density.....: NA
Percent Volatiles.....: NA
Evaporation Rate.....: NA
pH.....: NA
Molecular Weight.....: EQ 1111.48
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. James D. Dolgoff Product Manager / Engineer
Preparation Date: 06/04/01

Component (s):

Barium 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. 12047119

Note: OSHA PEL - 5 mg/m³ fine powder, respirable fraction; 0.5 mg/m³ soluble Barium

Test Section (s)

FIRE AND EXPLOSION DATA

No fire hazard. Will not ignite or burn.

HEALTH HAZARD DATA

No acute or chronic health hazards known.

Not listed as carcinogen or potential carcinogen.

Product should be considered nuisance dust and may contain a slight amount of soluble barium.

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 - Epsom or glauber salts will convert any soluble Barium to harmless sulfate.

HAZARDOUS REACTION CONDITIONS

This product is stable.

No known incompatibilities or hazardous decomposition products.

Hazardous polymerization will not occur.

ENVIRONMENTAL HAZARD -- DISPOSAL

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

SPECIAL PROTECTION INFORMATION

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.

STORAGE AND HANDLING PRECAUTIONS

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.

---- ADDITIONAL INFORMATION ----

This MSDS sheet is to the best of our knowledge reliable and accurate. However, it is provided to you without representation or warranty, expressed or implied regarding accuracy or correctness. Conditions, methods of handling storage, use and disposal of the product are beyond our control or knowledge. For this and other reasons, we assume no responsibility and expressly disclaim any liability for injury, loss, damage or expenses arising from the use of this product.

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

End of MSDS