



Bonded Barium Ferrite Compound  
HMC 702,710, 1480

---

Material Safety Data Sheet

Status: Current                      Revised: 07/23/01  
Formula: NOT GIVEN                      Part Number: HMC 702, 710, 1480  
Specification: NOT GIVEN                      Keyword: Bonded Barium Ferrite Compound  
Stock Items: NOT GIVEN

Manufacturer & Supplier:

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

Physical/Chemical Characteristics

Boiling Point .....: NA  
Melting Point .....: GT    N/A  
Freezing Point.....: NA  
Pour Point .....: NA  
Softening Point.....: NA  
Specific Gravity.....: EQ    3.8 ASTM D792 at 25C  
Vapor Pressure.....: NA  
Vapor Density.....: NA  
Percent Volatiles.....: NA  
Evaporation Rate.....: NA  
pH.....: NA  
Molecular Weight.....: EQ  
Viscosity.....: NA  
Solubility in Water....: Slight 34mg/100 ml  
Odor/Appearance/Other Characteristics:  
Black, Brown coarse granulation, 0.0125 – 0.5000 inch typical measurement;  
Odorless at ambient temperature.

Fire and Explosion Data

Closed Cup Flash Pt....: >212F ASTM D56 T.C. Cup  
Open Cup Flash Point...: NA  
Fire Point.....: NA  
Auto Ignition.....: NA  
Lower Explosion Limit..: NA  
Upper Explosion Limit..: NA

Page 2

Shipping Regulations

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

Prepared

Preparer's Name & Title: James D. Dolgoff, Product Manager / Engineer  
Preparation Date: 07/23/01

Component (s):

Barium Ferrite  
OSHA Pel: NG ppm 5 mg/m<sup>3</sup>  
ACGIH TLV: NG ppm NG mg/m<sup>3</sup>  
STEL: NG ppm NG mg/m<sup>3</sup>  
Percent of Product: EQ 90%

Note: Fine powder, respirable fraction 0.5mg/m<sup>3</sup>; 0.5 mg/m<sup>3</sup> soluble Barium  
Elastomeric Binder: EQ 8%

---

HEALTH HAZARD DATA

---

No acute or chronic health hazards known.  
Not listed as carcinogen or potential carcinogen.

Emergency and First Aid Procedures:

1. Inhalation - Remove individual into 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.

HAZARDOUS REACTION CONDITIONS

---

---

This product is stable.  
No known incompatibilities or hazardous decomposition products.  
Hazardous polymerization will not occur.  
Hazardous Decomposition Products: CO<sub>2</sub>, CO, SO<sub>x</sub>, HCL, Alcohol, Aldehydes,  
and organic acid.

---

---

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 - Follow good housekeeping procedures.
- 
- 

STORAGE AND HANDLING PRECAUTIONS

---

---

Precautions to be taken in handling and storage follow normal good housekeeping procedures to minimize dust generation. Compound 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