

BUNTING MAGNETICS CO. -- CERAMIC MAGNET -- 5999-01-048-5230

===== Product Identification =====

Product ID:CERAMIC MAGNET

MSDS Date:06/06/1995

FSC:5999

NIIN:01-048-5230

MSDS Number: CCCDP

=== Responsible Party ===

Company Name:BUNTING MAGNETICS CO.

Address:500 S. SPENCER AVENUE

City:NEWTON

State:KS

ZIP:67114

Country:US

Info Phone Num:316-284-2020

Emergency Phone Num:316-284-2020

CAGE:30876

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===== Composition/Information on Ingredients =====

Ingred Name:STRONTIUM OXIDE

CAS:1314-11-0

Other REC Limits:NONE RECOMMENDED

Ingred Name:IRON OXIDE

CAS:1309-37-1

RTECS #:NO7400000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:10 MG/M3 (FE)

ACGIH TLV:5MG(FE)/M3FUME,B2;96

Ingred Name:SILICON DIOXIDE (AMORPHOUS)

O

ther REC Limits:NONE RECOMMENDED

Ingred Name:MANGANESE DIOXIDE

CAS:1313-13-9

RTECS #:OP0350000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG MN/M3 CEILING

ACGIH TLV:5 MG MN/M3

Ingred Name:ALUMINUM OXIDE

Other REC Limits:NONE RECOMMENDED

Ingred Name:CALCIUM OXIDE

CAS:1305-78-8

RTECS #:EW3100000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3

ACGIH TLV:2 MG/M3; 9596

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===== Hazards Identification =====

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE

Rou

tes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:NOT EXPECTED TO BE A HEALTH HAZARD
DURING NORMAL HANDLING/STORAGE.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.

Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =====

First Aid:EYES: FLUSH WITH WATER. SKIN: WASH WITH SOAP AND WATER.
INHALATION: REMOVE TO FRESH AIR. SWALLOWING: NOT APPLICABLE.

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===== Fire Fighting Measures =====

Flash Point:NONFLAMMABLE

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:NONFLAMMABLE. USE EXTINGUISHING MEDIA SUITABLE FOR
SURROUNDING FIRE.

Fire Fighting Procedures:NONFLAMMABLE. USE STANDARD FIREFIGHTING
PROC

EDURES FOR SURROUNDING MATERIALS IN THE FIRE.
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

===== Accidental Release Measures =====

Spill Release Procedures:CLEAN UP SLUDGE AND DUST.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:SLUDGE FROM MACHINING OPERATIONS AND
DUST SHOULD BE STORED IN CONTAINERS.
Other Precautions:NONE SPECIFIED BY MAN
UFACTURER.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NIOSH APPROVED DUST AND FUME.
Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION AS
REQUIRED TO MAINTAIN EXPOSURE LEVELS.
Protective Gloves:NONE REQUIRED UNDER NORMAL CONDITIONS
Eye Protection:SAFETY GLASSES
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices:CUT AND GRIND USING LIQUID COOLANT.
Supplemental Safety and Health
NONE SPECIFIED BY MANU
FACTURER.

===== Physical/Chemical Properties =====

HCC:N1
Boiling Pt:B.P. Text:NOT GIVEN
Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN
Vapor Pres:NOT GIVEN
Vapor Density:NOT GIVEN
Spec Gravity:NOT GIVEN
Evaporation Rate & Reference:NOT GIVEN
Solubility in Water:NOT GIVEN
Appearance and Odor:BLACK OR DARK GRAY SOLID MATERIAL, NO ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
NONE SPECIFIED BY MANUFACT

URER.

Stability Condition to Avoid:USE LIQUID COOLANT DURING MACHINING TO
REDUCE DUSTING.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

===== Disposal Considerations =====

Waste Disposal Methods:DISCARD ANY PRODUCT OR RESIDUE IN ACCORDANCE
WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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