

## **5052, EMERALD RAM HS PLASTIC**

### **MSDS Number**

BNSNB

### **National Stock Number**

8030-00N032286

### **Product Name**

5052, EMERALD RAM HS PLASTIC

### **Manufacturer**

C E REFRACTORIES

### **Product Identification**

Product ID:5052, EMERALD RAM HS PLASTIC

MSDS Date:03/01/1986

FSC:8030

NIIN:00N032286

MSDS Number: BNSNB

### **Responsible Party**

C-E REFRACTORIES

VALLEY FORGE , PA 19482

US

Emergency Phone: 215-337-1100

Info Phone: 215-337-1100

Cage: 8C482

### **Contractor**

C-E REFRACTORIES DIV OF COMBUSTION ENGINEERING

KING OF PRUSSIA, PA 19406

US

215-337-1100

Cage: 8C482

### **Ingredients**

PHOSPHORIC ACID (SARA III)

CAS: 7664-38-2

RTECS: TB6300000

Fraction By Weight:

OSHA PEL1 MG/M3; 3 STEL

ACGIH TLV: 1 MG/M3; 3 STEL

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

CHROMIUM OXIDE; (CHROMIUM OXIDE PIGMENT GRADE)

CAS: 1308-28-9

RTECS: GB6475000

Fraction By Weight:

OSHA PEL0.5 MG/M3 (CR)

ACGIH TLV: 0.5 MG/M3 (CR)

SILICA; (CRYSTALLINE SILICA (FREE SILICA))

Fraction By Weight:

ALUMINUM OXIDE; (AL\*2O\*3) (SARA III)

CAS: 1344-28-1

RTECS: BD1200000

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9293

IRON (III) OXIDE; (FE\*2O\*3)

CAS: 1309-37-1

RTECS: NO7400000

OSHA PEL10 MG/M3 (FE)

ACGIH TLV: 5 MG/M3(FE),B2; 9293

ALKALIES

## Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

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

Health Hazards Acute and Chronic:EMERALD RAM HS CAN CAUSE IRRITATION TO THE EYES ON CONTACT AND TO THE SKIN ON PROLONGED CONTACT.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:SKIN: WASH OFF THOROUGHLY USING A MILD SOAP AND WATER. EYES: FLUSH THOROUGHLY (AT LEAST 15 MINUTES) WITH WATER. CONSULT MD. INGEST: CALL MD IMMEDIATELY . INHAL: REMOVE TO FRESH AIR. SUPPORT BREA THING (GIVE O2/ARTIFICIAL RESPIRATION) .

## Fire Fighting

Extinguishing Media:USE EXTINGUISHING MEDIA APPROPRIATE TO THE SURROUNDING AREA.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:THIS PRODUCT IS A NON-COMBUSTIBLE REFRACTORY.

## Accidental Release

Spill Release Procedures:SPILLS SHOULD BE CLEANED UP TO AVOID SLIPPING. CLEANUP PERSONNEL SHOULD AVOID SPLASHING AND SPATTERING OF MATERIALS. PERSONNEL SHOULD WEAR CHEMICAL GOGGLES, RUBBERIZED WORK GLOVES AND APPROPRIATE CLOT HING FOR EYE AND SKIN PROTECTION.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:NORMAL CONDITIONS OF STORAGE AND USE. PREVENT EYE AND AVOID SKIN CONTACT WITH THE MATERIAL.

Other Precautions:REMOVAL AFTER SERVICE PREC: KEEP DUST IN WORK AREA AT A MIN & MAINTAIN AIR CONC OF DUST AS FAR BELOW PEL AS FEASIBLE. USE GOOD HOUSEKEEPING TECHNIQUES, SUCH AS, VACUUMING TO REMOVE COLLECTED DUST & PV NT FORMATION OF DUST CLOUDS. (SUPP DATA)

## Exposure Controls

Respiratory Protection: NIOSH/MSHA APPROVED RESPIRATORS SHOULD BE USED FOR DUST LEVELS BELOW 50 MG/M3.

Ventilation: NONE SPECIFIED BY MANUFACTURER.

Protective Gloves: RUBBER GLOVES.

Eye Protection: CHEMICAL WORKERS GOGGLES .

Other Protective Equipment: APPROPRIATE CLOTHING FOR EYE AND SKIN PROTECTION.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

OTHER PREC: FOLLOWING ARE RECOMMENDED PREC TO BE TAKEN DURING REMOVAL:

1. EMPLOYEES SHLD BE APPRISED OF THE HAZ & PROPER CNDTNS & PREC FOR SAFE USE OR EXPOS.
2. NIOSH/MSHA APPRVD RESP SHLD BE USED FOR DUST LEVELS BELOW 50 MG/M3.
3. DUST GENERATION SHLD BE MINIMIZED BY USE OF DUST CONTROL EQUIPMENT OR WATER SPRAY.

## Chemical Properties

HCC: C1

Solubility in Water: SMALL AMT DISPERSSES.

Appearance and Odor: GREEN MOLDABLE MIXTURE OF AGGREGATES & MOIST BONDING MATLS-SLIGHT PUNGENT ODOR.

## Stability

Stability Indicator/Materials to Avoid: YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: NONE SPECIFIED BY MANUFACTURER.

## Disposal

Waste Disposal Methods: AS OF MAY, 1984, THIS PRODUCT IS NOT CONSIDERED A HAZARDOUS WASTE WHEN DISCARDED AS DEFINED IN THE UNITED STATES EPA REGULATION (40 CFR 261). DISPOSAL SHOULD BE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL DISPOSAL REQUIREMENTS.

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