

## **TR-19, TR-C19C**

### **MSDS Number**

BBLHQ

### **National Stock Number**

6850-00F002601

### **Product Name**

TR-19, TR-C19C

### **Manufacturer**

THERMIC REFRACTORIES INC

### **Product Identification**

Product ID:TR-19, TR-C19C

MSDS Date:11/25/1985

FSC:6850

NIIN:00F002601

MSDS Number: BBLHQ

### **Responsible Party**

THERMIC REFRACTORIES, INC

GIRARD , IL 62640

Emergency Phone: (217) 627-2101

Info Phone: (217) 627-2101

Cage: 0CV65

### **Contractor**

THERMIC REFRACTORIES INC

128

GIRARD, IL 62640

US

217-627-2101

Cage: 0CV65

### **Ingredients**

IRON OXIDE

CAS: 1309-37-1

RTECS: NO7400000

Fraction By Weight: 6.4%

OSHA PEL10 MG/M3 (FE)

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

MICA - SILICATES (< 1% CRYSTALLINE SILICA)

CAS: 12001-26-2

RTECS: VV8760000

OSHA PEL20 MPPCF

ACGIH TLV: 3 MG/M3 RDUST; 9293

SILICA, AMORPHOUS, DUST

CAS: 112945-52-5

RTECS: VV7310000

Fraction By Weight: 14.0%

OSHA PEL6 MG/M3

ACGIH TLV: 10 MG/M3; 8990

SILICA, CRYSTALLINE - CRISTOBALITE

CAS: 14464-46-1

RTECS: VV7325000

Fraction By Weight: 1.3%

OSHA PELSEE TABLE Z3

ACGIH TLV: 0.05 MG/M3 RDUST9293

MAGNESIUM OXIDE

CAS: 1309-48-4

RTECS: OM3850000

Fraction By Weight: 15.7%

OSHA PEL15 MG/M3 PARTICULATE

ACGIH TLV: 10 MG/M3;TDUST; 9293

CALCIUM OXIDE

CAS: 1305-78-8

RTECS: EW3100000

Fraction By Weight: 13.7%

OSHA PEL5 MG/M3

ACGIH TLV: 2 MG/M3; 9192

## Hazards

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

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

Health Hazards Acute and Chronic:IRRITATION OF THROAT, NOSE, SKIN & EYES, RESPIRATORY TRACT & OTHER PULMONARY

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION OF THROAT, NOSE, SKIN, EYES & RESPIRATORY TRACT & OTHER PULMONARY

## First Aid

First Aid:INHALATION: REMOVE TO FRESH AIR. SKIN: WASH WITH SOAP & RUNNING WATER. EYE: FLUSH WITH RUNNING WATER UNTIL IRRITANT IS REMOVED. INGESTION: NONE REQUIRED.

## Fire Fighting

Flash Point:NON COMBUSTIBLE

Fire Fighting Procedures:NONE REQUIRED

Unusual Fire/Explosion Hazard:NONE

## Accidental Release

Spill Release Procedures:HANDLE ROUTINELY BY SWEEPING OR SCOOPING. AVOID EXCESSIVE DUST GENERATION THROUGH USE OF A SUPPRESSANT.

## Handling

Handling and Storage Precautions:KEEP MATERIAL SEALED & DRY. THIS PRODUCT ISN'T REGULATED BY DOT.

## Exposure Controls

Respiratory Protection:USE NIOSH APPROVED FILTER RESPIRATOR FOR 'NUISANCE' DUST.

Ventilation:PROVIDE LOCAL EXHAUST VENTILATION TO KEEP Protective Gloves:NOT NORMALLY REQUIRED

Eye Protection:RECOMMENDED

Other Protective Equipment:LONG SLEEVED, LOOSE FITTING CLOTHING, LONG PANTS.

Supplemental Safety and Health

## Chemical Properties

Melt/Freeze Pt:M.P/F.P Text:>2700F

Spec Gravity:.33-.38

Solubility in Water:NEGLIGIBLE

Appearance and Odor:COARSE, GREY ODORLESS SOLID

Percent Volatiles by Volume:0%

## Stability

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH STRONG ACIDS

Hazardous Decomposition Products:NONE

## Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE & LOCAL REGULATIONS. THIS MATERIAL ISN'T REGULATED UNDER 'RCRA' HAZARDOUS WASTE DIRECTIVES.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.