

# SAFETY DATA SHEET (SDS)

## PART ( 1 ) PRODUCT & MANUFACTORY INFORMATION

PRODUCT : FERRITE MAGNET

ITEM NO.: 17.6\*8.5 (N), 17.6\*8.5 (S), 37\*8\*6.5, 45\*37\*7, 19.5\*14.5\*6 (N), 19.5\*14.5\*6 (S)  
D10.6(+/-0.2)\*19.5mm, 28\*10\*6

NAME OF MANUFACTURER : Learning Resources/Educational Insights

ADDRESS : 380 N Fairway Drive, Vernon Hills, IL 60061

INFORMATION IN CASE OF EMERGENCY: Use your emergency number

## PART ( 2 ) CHEMICAL CHARACTERIZATION

Material : Red Iron Oxide Powder (Fe<sub>2</sub>O<sub>3</sub> ) , Strontium Oxide (SrO) ,Silicon Dioxide (SiO<sub>2</sub> ) ,  
Ceramic

ENGLISH NAME: FERRITE MAGNET HAZARDOUS MATERIAL : NA

## PART5 ( 3 ) HAZARD IDENTIFDICATION

1、 POTENTIAL HEALTH HAZARDS : No hazards under normal storage.

2、 SKIN : No Hazards 3、 OTHER HAZARDS : N/A

4、 EYES : No Hazards

5、 INGESTION : Not considered a normal route of entry.

6. INHALATION: Fibrous dust may be released from the magnet when it is burn.

## PART ( 4 ) FIRST AID MEASURES

1、 INHALATION : If overcome by smoke, move to fresh air environment. If breathing becomes difficult consult a physician.

2、 SKIN: Wash thoroughly with soap and water; consult a physician if a rash or discomfort develops.

3、 EYES : Flush with water for 15 minutes. If irritation persists, consult a physician.

4、 INGESTION : If large amounts are ingested contact a physician.

**PART ( 5 ) FIRE FIGHTING MEASURES**

EXTINGUISHING MEDIA : Water , CO2 , and Dry Chemical

PERSONAL PROTECTION EQUIPMENT: Gloves and aprons, Appropriate eye protection, NIOSH approved respirator.

**PART ( 6 ) ACCIDENTAL RELEASE MEASURES**

NOT APPLICABLE.

**PART ( 7 ) HANDLING AND STORAGE**

NORMAL HANDLING, Store in cool, dry, well ventilated area. Do not store for prolonged periods in direct sunlight.

**PART ( 8 ) PROTECTION**

RESPIRATORY PROTECTION : Not considered a normal route of usage

SKIN PROTECTION: Use Gloves and aprons.

EYE PROTECTION : Use appropriate eye protection

ADDITIONAL RECOMMENDATIONS : N/A

**PART ( 9 ) PHYSICAL AND CHEMICAL PROPERTIES**

Boiling Point: N/A

Vapor Pressure: (mm Hg. N/A)

Vapor Density: (air = 1) N/A

Specific Gravity: 7.4

Solubility in Water: Not soluble

Appearance: As ground, gray as sintered, matte black

Melting Point: Above 2500o F

Evaporation Rate: N/A

Odor: No odor

**PART ( 10 ) STABILITY AND REACTIVITY**

1. NORMALLY STABLE : Stable good. 2. INCOMPATIBILITIES: To avoid strong oxidizing agents , To avoid Heat.

3. HAZARDOUS POLYMERIZATION : Will not occur

**PART ( 11 ) TOXICOLOGICAL INFORMATION.**

1. SKIN : No effect    2. DELAYED EFFECTS : None unless eat too much

**PART ( 12 ) ECOLOGICAL INFORMATION**

Not Biodegradable

**PART ( 13 ) DISPOSAL CONSIDERATIONS**

Disposal must be made in accordance with all applicable local, government regulations. Copper should be recycled.

**PART ( 14 ) TRANSPORT INFORMATIONS**

Not a hazardous material for transportation.

-DOT regulations:

Hazard class: None

-Land transport ADR/RID (cross-border)

ADR/RID class: None

-Maritime transport IMDG:

IMDG Class: None

-Air transport ICAO-TI and IATA-DGR: ICAO/IATA

Class: None

-Transport/ Additional information:

Not dangerous according to the above specifications

**PART ( 15 ) REGULATORY INFORMATIONS.**

**SECTION 311 HAZARD CLASS :** N/A , **TSCA INVENTORY STATUS :** Components used to make this material are on the TSCA inventory list . Keep away from food, drink and animal feeding stuffs. Do not eat

**EC SAFETY PHRASES:** Not classified as hazardous.

**PART ( 16 ) OTHER INFORMATION**

They have magnetic forces which make them attract to other magnets and other steel materials.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.