



Keson Industries, Inc. 810 Commerce Street Aurora, IL 60504  
 Date Prepared: January 1, 2012

**MATERIAL SAFETY DATA SHEET**

SECTION 1

Product Name: Concentrated (color) indicator Marking Chalk-Red

For Information Call: 1-800-345-3766

SECTION II-Hazardous Ingredients of Mixture

| <u>Principal Component (s)</u> | <u>CAS #</u> | <u>OSHA PELACGIH, TLV</u> |                         |
|--------------------------------|--------------|---------------------------|-------------------------|
| Iron Oxide                     | 1309-37-1    | NA                        | NA                      |
| Calcium Carbonate              | 471-34-1     | 15 mg/m <sup>3</sup>      | 10 mg/m <sup>3</sup>    |
| Silicon Dioxide                | 7631-86-9    | 6.00 mg/m <sup>3</sup>    | 10.00 mg/m <sup>3</sup> |

SECTION III-Physical Data

|                                 |                                 |
|---------------------------------|---------------------------------|
| Boiling Point: N/A              | Specific Gravity (H2O=1) 4.3    |
| Vapor Pressure: N/A             | Solubility in Water: Negligible |
| % Volatile by weight: N/A       | Vapor Pressure: N/A             |
| Appearance: Odorless Red Powder | pH 5-8 (5% solution)            |

SECTION IV- Fire and Explosion Data

|                                  |   |
|----------------------------------|---|
| Flash Point:                     | Non-Flammable   |
| Extinguishing Media:             | Non-Flammable   |
| Special Firefighting Procedures: | NIOSH Approved respirator and protective clothing should be worn. Use water spray to cool equipment and containers. |
| Unusual Fire Explosion Hazards:  | None known.   |

SECTION V-Health Hazard Data

Routes of Entry: Skin-Yes, Inhalation-Yes, Ingestion-Yes, Eyes-Yes.

Carcinogenicity-Calcium Carbonate and Iron Oxide contain crystalline silica at levels between 0.01-2%. There is some evidence that this material may be carcinogenic. Limit exposure to the lowest limit possible.

Effects of Overexposure:

|               |   |
|---------------|---|
| Eye Contact-  | Irritating to eyes  |
| Skin Contact- | None noted  |
| Inhalation-   | May cause irritation to the nose, throat and respiratory tract. |
| Ingestion-    | Harmful or fatal if swallowed.                                  |

Emergency First Aid Procedures:

|               |  |
|---------------|--|
| Eye Contact:  | Flush with warm water, lifting the eyelids periodically for 15 minutes. Consult a physician if condition persists. |
| Skin Contact: | Wash affected area with warm soapy water. If irritation occurs, consult a physician.                               |
| Ingestion:    | Call a physician immediately.  |
| Inhalation:   | Remove victim from dust area to fresh air. Give artificial respiration if not breathing. Call a physician.         |



Keson Industries, Inc. 810 Commerce Street Aurora, IL 60504  
 Date Prepared: January 1, 2012

SECTION VI-Reactivity Data

Stability: Stable  
 Conditions to avoid: None known.  
 Incompatibility (materials to avoid): Strong acids liberate carbon dioxide.  
 Hazardous Decomposition Products: Combustion will produce toxic oxides of carbon and calcium oxide.  
 Hazardous Polymerization: Will not occur.

SECTION VII-Spill or Leak Procedures

Vacuum or scoop material into approved containers for reclamation or disposal. If excessive dust is generated, wear NIOSH approved respirator for mineral dust.

SECTION VIII-Special Protection Information

Respiratory Protection: An approved NIOSH respirator should be worn when TWA limits are exceeded.  
 Ventilation: Use local ventilation to keep dust levels below recommended exposure limits. If exposure limits are exceeded, a NIOSH approved respirator for mineral dust should be worn.  
 Protective Clothing: Employees must wear gloves.  
 Eye Protection: Chemical safety goggles or safety glasses with splash guards  
 Other Protective equipment: Eye bath and safety shower should be available.

SECTION IX- Special Precautions

Precautions to be taken in handling and storage: Do not store near acids. Follow normal good housekeeping procedures.  
 Other Precautions: Wash hands thoroughly after handling. Wash contaminated clothing before reuse.

SECTION X- Regulatory Status

TSCA Inventory Status: This material is a mixture, the ingredients of which are on TSCA inventory.  
 RCRA: This material, when disposed of, is not specifically listed as a hazardous waste according to federal regulations unless it meets the USEPA definitions for being toxic, corrosive, ignitable or reactive, or it is mixed with or comes in contact with a listed hazardous waste. Consult local, state and federal regulations.  
 California Proposition 65: See Section XI

SECTION XI-Other Regulatory Information

| <u>CHEMICAL NAME/ CAS NUMBER</u> | <u>CONCENTRATION</u> | <u>STATE CODE</u> |
|----------------------------------|----------------------|-------------------|
| Arsenic/7440-38-2                | <30 ppm *            | CA, MA            |
| Cadmium/7440-43-9                | <5 ppm*              | CA, MA            |
| Nickel/7440-02-0                 | <60 ppm*             | CA, MA            |
| Lead/7439-92-1                   | <30 ppm *            | CA                |

\* Content of these materials may vary from batch to batch.

CA= California Proposition 65  
 MA= Massachusetts Hazardous Substance List

HMIS CODE:  
 Health 1  
 Flammability 0  
 Reactivity 0

Marking Chalk RED