

Keson Industries, Inc.  
810 Commerce Street  
Aurora, IL 60504

Date Revised: August 1, 2004

## MATERIAL SAFETY DATA SHEET

### SECTION 1

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

For Information Call: 1-630-820-4200

### SECTION II-Hazardous Ingredients of Mixture

<u>Principal Component (s)</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH, 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 (H <sub>2</sub> O=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.

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

The information herein is given in good faith  
But no warranty, expressed or implied, is made.