



Keson Industries, Inc. 810 Commerce Street Aurora, IL 60504  
Date Prepared: January 1, 2014

## MATERIAL SAFETY DATA SHEET

### SECTION 1

**Product Name:** MARKING CHALK GLO-ORANGE  
**For Information Call:** 1-800-345-3766

### SECTION II - Hazardous Ingredients of Mixture

| <u>Principal Component (s)</u> | <u>CAS #</u> | <u>OSHA PEL</u>       | <u>ACGIH, TLV</u>     |
|--------------------------------|--------------|-----------------------|-----------------------|
| Talc                           | 14807-96-6   | 2 mg/m <sup>3</sup>   | 2 mg/m <sup>3</sup>   |
| Quartz-Crystalline Silica      | 14807-96-6   | 0.1 mg/m <sup>3</sup> | 0.1 mg/m <sup>3</sup> |
| Calcium Carbonate              | 471-34-1     | 15 mg/m <sup>3</sup>  | 10 mg/m <sup>3</sup>  |
| Fluorescent Pigments           |              | 15 mg/m <sup>3</sup>  | 10 mg/m <sup>3</sup>  |

### SECTION III-Physical Data

|                                    |   |
|------------------------------------|---|
| Boiling Point: N/A                 | Specific Gravity (H <sub>2</sub> O=1) 2.7 |
| Vapor Pressure: N/A                | Solubility in Water: Negligible           |
| % Volatile by weight: N/A          | Vapor Pressure: N/A                       |
| Appearance: Odorless Orange Powder | pH 8.6-8.8 (Saturated Solution)           |

### SECTION IV- Fire and Explosion Data

|                                  |   |
|----------------------------------|---|
| Flash Point:                     | Non-Flammable   |
| Extinguishing Media:             | Use dry-chemical, water or other extinguishing agent suitable for Class A fires.                                    |
| 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 contains 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.                                  |

### SECTION V-Health Hazard Data (cont'd)

#### 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.  |



Keson Industries, Inc. 810 Commerce Street Aurora, IL 60504  
Date Prepared: January 1, 2014

Inhalation: Remove victim from dust area to fresh air and seek medical attention. Give artificial respiration if not breathing.  
Call a physician.

#### **SECTION VI-Reactivity Data**

Stability: Stable Conditions to avoid: None known.

Incompatibility (materials to avoid): Acids, aluminum, fluorine, magnesium, alum or ammonium salts  
Hazardous Decomposition Products: Combustion will produce toxic oxides of carbon, calcium oxide, and formaldehyde.

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                | <100ppm* = .01%      | CA, MA            |
| Cadmium/7440-43-9                | <5ppm*               | CA, MA            |
| Mercury/7439-97-6                | <1ppm*               | CA                |
| Nickel/7440-02-0                 | <400ppm*             | CA, MA            |
| Lead/7439-92-1                   | <100ppm*             | CA                |

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

CA = California Proposition 65  
MA = Massachusetts Hazardous Substance List

**HMIS CODE:**

**NFPA CODE:**

Marking Chalk Glo-Orange

2

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



Keson Industries, Inc. 810 Commerce Street Aurora, IL 60504  
Date Prepared: January 1, 2014

|              |   |              |   |
|--------------|---|--------------|---|
| Health       | 1 | Health       | 1 |
| Flammability | 0 | Flammability | 0 |
| Reactivity   | 0 | Reactivity   | 0 |