

MATERIAL SAFETY DATA SHEETSECTION 1

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

For Information Call: 1-630-369-8848

SECTION II-Hazardous Ingredients of Mixture

<u>Principal Component (s)</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH, TLV</u>
Iron Oxide	1317-61-9	NA	NA
Calcium Carbonate	471-34-1	15 mg/m ³	10 mg/m ³
Silicon Dioxide	7631-86-9	6.00 mg/m ³	10.00 mg/m ³

SECTION III-Physical Data

Boiling Point: N/A	Specific Gravity (H ₂ O=1) 4.3
Vapor Pressure: N/A	Solubility in Water: Negligible
% Volatile by weight: N/A	Vapor Pressure: N/A
Appearance: Odorless Black 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. Exposure to excessive heat may cause this product to become unstable (slowly auto-oxidizes) which generated additional heat. Under certain conditions this heat may be sufficient to cause combustible materials to ignite. Do not store near sources of heat.

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	Max 30 ppm*	CA, MA
Nickel/7440-02-0	Max 50 ppm*	CA,MA
Lead/7439-92-1	Max 10 ppm*	CA
Aniline/62-53-3	<1ppm*	CA

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

CA= California Proposition 65

MA= Massachusetts Hazardous Substance List

HMIS CODE:

Health	1
Flamability	0
Reactivity	1

The information herein is given in good faith
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