



SAFETY DATA SHEET

Applicant : KLEIN TOOLS, INC.
Product Name : Marking Chalk
Colour : Red, Blue, Black, Yellow
Model No. : CHLK8R, CHLK5R CHLK8B, CHLK5B CHLK8BK, CHLK5B
K CHLK8Y, CHLK5Y
Issue Date : Nov.19,2025
Report No. : NB2025111325
Service Requested : Preparation of Safety Data Sheet (SDS) for The sample with
submitted information.



Authorizer : Danyan Wang

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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name: Marking Chalk

Model No.: CHLK8R, CHLK5R CHLK8B, CHLK5B CHLK8BK, CHLK5BK CHLK8Y, CHLK5Y

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture: No information available.

1.3 Details of the supplier of the safety data sheet

Supplier name: KLEIN TOOLS, INC.

Address: 450 Bond Street, Lincolnshire, IL 60069, USA

Contact person: Customer Service

Position: Customer Service

Telephone number: 1-800-553-4676

E-mail address: customerservice@kleintools.com

1.4 Emergency telephone number:

1-800-553-4676

Other information: /

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance/mixture according to the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) and globally harmonized system of classification and labelling of chemicals(GHS)

Physical hazards

Based on available data, the classification criteria are not met.

Health hazards

Based on available data, the classification criteria are not met.

2.2 Label Elements

Hazard Pictogram(s): None.

Signal Word: None.

Hazard Statements

No information available.

Precautionary statements

No information available.

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2.3 Other hazards

No information available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

(1) Red Chalk KT SKU# CHLK8R, CHLK5R

Component	Weight (%)	CAS No.	GHS
Calcium Carbonate	80-85	471-34-1	Not Classified
Red Iron Oxide	15-20	1309-37-1	Not Classified

(2) Blue Chalk KT SKU# CHLK8B, CHLK5B

Component	Weight (%)	CAS No.	GHS
Calcium Carbonate	80-85	471-34-1	Not Classified
Ultramarine Blue	15-20	57455-37-5	Not Classified

(3) Black Chalk KT SKU# CHLK8BK, CHLK5BK

Component	Weight (%)	CAS No.	GHS
Calcium Carbonate	80-85	471-34-1	Not Classified
Black Iron Oxide	15-20	1309-38-2	Not Classified

(4) Yellow Chalk KT SKU# CHLK8Y, CHLK5Y

Component	Weight (%)	CAS No.	GHS
Calcium Carbonate	80-85	471-34-1	Not Classified
Yellow Iron Oxide	15-20	51274-00-1	Not Classified

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SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

- Eye Contact** Immediately rinse open eyes with running water for at least 15 minutes. Obtain medical attention.
- Skin Contact** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get medical attention immediately if symptoms occur.
- Ingestion** Do not induce vomiting without medical advice. Clean mouth with water. Never administer anything by mouth to an unconscious person. Obtain medical aid immediately.
- Inhalation** If breathed in, move person into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical aid immediately if symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Water spray. Carbon dioxide (CO₂). Dry chemical. Chemical foam.

Extinguishing media which shall not be used for safety reasons

No information available.

5.2 Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors.

5.3 Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Ensure adequate ventilation, Avoid dust formation. Remove all sources of ignition. Evacuate personnel to safe

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areas. Keep people away from and upwind of spill/leak. Use personal protective equipment. Avoid breathing vapors, mist, gas or dust.

6.1.2 For emergency responders

Use suitable protective equipment for personal protection.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Keep away from drains, surface and ground water.

6.3 Methods and material for containment and cleaning up

Sweep up, vacuum and collect in suitable, closed containers for recovery or disposal.

6.4 Reference to other sections

If appropriate Sections 8 and 13 shall be referred to.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Ensure adequate ventilation. Wear personal protective equipment. Avoid direct physical contact. Do not breathe dust. Do not breathe vapors or spray mist. Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke while handling. Keep far away from flammable materials and heat source. Remove and wash contaminated clothing before re-use. Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well-ventilated location in a tightly sealed container or cylinder. To maintain product quality, do not store in heat or direct sunlight. Keep away from incompatible materials, ignition sources and untrained individuals. Secure and label area. Protect containers/cylinders from physical damage. The storage area should be equipped with a leak emergency treatment equipment and suitable shelter materials.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Exposure limit values

Component	ACGIH TLV	OSHA PEL	NIOSH
Calcium Carbonate (471-34-1)	No data available	TWA: 15 mg/m ³ (8 hours) (Inhalable fraction)	TWA: 5 mg/m ³ (8 hours) (Respirable fraction) 10ppm (8 hours) (Inhalable fraction)
Red Iron Oxide (1309-37-1)	No data available	TWA: 10 mg/m ³ (8 hours)	TWA: 5 mg/m ³ (8 hours) (as Fe, total particulate)

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Biological limit values

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL) No information available.

Predicted No Effect Concentration (PNEC) No information available.

8.2 Exposure controls

Engineering Measures

Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

Individual protection measures

Eye protection Safety glasses with side-shields

Hand protection Protective gloves

Skin and body protection Wear appropriate protective gloves and clothing to prevent skin exposure.

Respiratory protection Use a NIOSH or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls No information available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	:	Solid.
Appearance	:	Red, Blue, Black, Yellow.
Odor	:	Not provided.
Odor Threshold	:	Not provided.
pH	:	Not provided.
Melting point/freezing point	:	Not provided.
Initial boiling point and boiling range	:	Not provided.
Flash point	:	Not provided.
Evaporation rate	:	Not provided.
Upper/lower explosive limits	:	Not provided.
Vapour pressure/ density	:	Not provided.
Relative density	:	Not provided.
Solubility(ies)	:	Not provided.

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Partition coefficient: n-octanol / water : Not provided.
Auto-ignition temperature : Not provided.
Decomposition temperature : Not provided.
Viscosity : Not provided.

9.2 Other information

Not provided.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Hazardous polymerization does not occur.

10.2 Chemical stability

Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to avoid

Incompatible products, exposure to water, keep away from fire.

10.5 Incompatible materials

Strong oxidizing agents. Strong acid.

10.6 Hazardous decomposition products

Metal oxide. Powders.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

(a) acute Toxicity

Toxicology data for the components

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Calcium Carbonate (471-34-1)	6450 mg/kg (Rat)	No data available	No data available
Red Iron Oxide (1309-37-1)	> 10000 mg/kg (Rat)	No data available	No data available

(b) skin corrosion/irritation Based on available data, the classification criteria are not met.

(c) serious eye damage/irritation Based on available data, the classification criteria are not met.

(d) respiratory or skin sensitisation

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Respiratory

Based on available data, the classification criteria are not met.

Skin

Based on available data, the classification criteria are not met.

(e) germ cell mutagenicity

Based on available data, the classification criteria are not met.

(f) carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	IARC
Red Iron Oxide (1309-37-1)	Group 3

Note: IARC Group 3 - Not classifiable as to its carcinogenicity to humans.

(g) reproductive toxicity

Based on available data, the classification criteria are not met.

(h) STOT-single exposure

Based on available data, the classification criteria are not met.

(i) STOT-repeated exposure

Based on available data, the classification criteria are not met.

Target Organs

No information available.

(j) aspiration hazard

Based on available data, the classification criteria are not met.

Other Adverse Effects

The toxicological properties have not been fully investigated.

Endocrine Disruptor Information

None known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Ecotoxicity effects

Do not empty into drains.

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Calcium Carbonate (471-34-1)	No data available	LC50:> 56 g/L,96h	No data available	No data available
Red Iron Oxide (1309-37-1)	No data available	LC50:> 50000 mg/L,96h (Danio rerio)	No data available	EC50:>100 mg/L,48h

12.2 Persistence and degradability No information available.

12.3 Bioaccumulative potential No information available.

12.4 Mobility in soil No information available.

12.5 Results of PBT and vPvB assessment No data available for assessment.

12.6 Other adverse effects No information available.

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SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste from Residues / Unused Products

Chemical waste generators must determine whether a discarded chemical is classified as hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. Observe all federal, state, and local environmental regulations.

Contaminated Packaging

Empty remaining contents. Dispose of in accordance with local regulations. Do not re-use empty containers.

SECTION 14: TRANSPORT INFORMATION

IMDG/IMO

Not regulated.

14.1 UN number

14.2 UN proper shipping name

14.3 Transport hazard class(es)

14.4 Packing group

ADR/RID

Not regulated.

14.1 UN number

14.2 UN proper shipping name

14.3 Transport hazard class(es)

14.4 Packing group

ICAO/IATA

Not regulated.

14.1 UN number

14.2 UN proper shipping name

14.3 Transport hazard class(es)

14.4 Packing group

14.5 Environmental hazards

No hazards identified.

14.6 Special precautions for user

No special precautions required.

14.7 Transport in bulk according to Annex

Not applicable, packaged goods.

II of Marpol73/78 and the IBC Code

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SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

International Inventories X = listed

Component	EINECS	NZIoC	TSCA	DSL	NDSL	PICCS	IECSC	AIIC	KECL
Calcium Carbonate	207-439-9	X	X	X	-	X	X	X	X
Red Iron Oxide	215-168-2	X	X	X	-	X	X	X	X
Ultramarine Blue	691-383-9	X	X	X	-	X	X	X	X
Black Iron Oxide	215-169-8	X	X	X	-	X	X	X	X
Yellow Iron Oxide	257-098-5	X	X	X	-	X	X	X	X

United States - Federal Regulations

SARA Title III - Section 302 Extremely Hazardous Chemicals:

The components in this product are either not SARA Section 302 regulated or regulated but present in negligible concentrations.

SARA Title III - Section 313 Toxic Chemicals:

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) - Reportable Quantity (RQ):

The components in this product are either not CERCLA regulated, regulated but present in negligible concentrations, or regulated with no assigned reportable quantity.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

EINECS - European Inventory of Existing Commercial Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AIIC - Australian Inventory of Industrial Chemicals

KECL - Korean Existing Chemicals List

15.2 Chemical safety assessment

No information available.

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SECTION 16: OTHER INFORMATION

This SDS is in accordance with Regulation 2012 OSHA Hazard Communication Standard(29 CFR 1910.1200) and globally harmonized system of classification and labelling of chemicals(GHS).

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