



CEMENT & CONCRETE PRODUCTS™

A9: Water Based Products

SAFETY DATA SHEET
(Complies with OSHA 29 CFR 1910.1200)

SECTION I: PRODUCT IDENTIFICATION

The QUIKRETE® Companies
5 Concourse Parkway, Suite 1900
Atlanta, GA 30328

Emergency Telephone Number
INFOTRAC (800) 535-5053
Information Telephone Number
(800) 282-5828

SDS A9
Revision: Nov-19

<u>QUIKRETE® Product Name</u>	<u>Code #</u>
CEMENT COLOR (LIQUID)	1317
MORTAR & STUCCO COLOR	1319
LIQUID STUCCO COLORS	1323
LIQUID STUCCO COLOR CONCENTRATE	5839

Product Use: Iron oxide pigments for Portland cement based products.

See most current revision of this document at www.QUIKRETE.com.

SECTION II - HAZARD IDENTIFICATION

If the product is allowed to dry, nuisance dust will form. The precautions listed are for dry Iron Oxide dust.

2.1 Classification of the substance or mixture

Skin Irritation – Category 2

Eye Irritation – Category 2B

Specific Target Organ Toxicity – Single Exposure– Category 3

Acute Oral Toxicity – Category 4

2.2a Signal word Warning

2.2b Hazard Statements

Causes skin irritation

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Causes eye irritation
 May cause respiratory irritation
 Harmful if swallowed

2.2c Pictograms**2.2d Precautionary statements**

Do not handle until all safety precautions have been read and understood.
 Wear impervious gloves, such as nitrile. Wear eye protection, and protective clothing.
 Wash thoroughly after handling. Do not eat, drink or smoke when using this product.
 Use only in a well-ventilated area.
 Do not breathe dust / vapors / fumes

If on skin (or hair): Immediately take off all contaminated clothing and wash before reuse. Rinse skin or hair with water.

If in eyes: Rinse cautiously with water for several minutes; remove contact lenses if easy to do; continue rinsing.

If inhaled: Remove person to fresh air and keep comfortable for breathing.

If swallowed: Rinse mouth; do NOT induce vomiting.

Immediately seek medical advice or attention if symptoms are significant or persist.

Dispose of contents and container in accordance with all regulations.

2.3 Additional Information

2.3a HNOC – Hazards not otherwise classified: Not applicable

2.3b Unknown Acute Toxicity: None

SECTION III - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	CAS No.	% by Weight
Iron (III) Oxide	1309-37-1	10-40
Water	7732-18-5	50-90

Composition ranges provided due to batch-to-batch variability.
 None of the constituents of this product are of unknown toxicity.

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11/6/2019



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SECTION IV – FIRST AID MEASURES

4.1 Description of the first-aid measures

General information:

After inhalation: Remove person to fresh air and keep comfortable for breathing.

After skin contact: If on skin (or hair): Immediately take off all contaminated clothing and wash before reuse. Rinse skin or hair with water.

After eye contact: If in eyes: Rinse cautiously with water for several minutes; remove contact lenses if easy to do; continue rinsing.

After swallowing: If swallowed: Rinse mouth; do NOT induce vomiting. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms/effects, acute and delayed

Inhalation: May cause respiratory tract irritation.

Skin contact: May cause skin irritation.

Eye Contact: May cause eye irritation

Ingestion: Harmful if large amounts are ingested. Ingestion of may cause discomfort and/or distress, nausea or vomiting.

4.3 Indication of immediate medical attention and special treatment needed:

Immediately seek medical advice or attention if symptoms are significant or persist.

SECTION V - FIRE FIGHTING MEASURES

5.1 Flammability of the Product: Non-flammable and non-combustible

5.2 Suitable extinguishing agents: Treat for surrounding material

5.3 Special hazards arising from the substance or mixture: None

5.3a Products of Combustion: None

5.3b Explosion Hazards in Presence of Various Substances: Non-explosive in presence of shocks

SECTION VI – ACCIDENTAL RELEASE MEASURES



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6.1 Personal precautions, protective equipment and emergency procedures: Wear personal protective equipment (See section VIII). Keep unprotected persons away.

6.2 Methods and material for containment and cleaning up:

Do not allow to enter sewers/ surface or ground water. Dispose of unwanted materials and containers properly in accordance with all regulations.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND STORAGE

7.1 Handling

Precautions for safe handling: Wear appropriate PPE (See section 8). Do not mix with other chemical products, except as indicated by the manufacturer. Do not get in eyes, on skin or clothing. Good housekeeping is important to prevent accumulation of dust.

7.2 Storage

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Keep out of the reach of children.

SECTION VIII – EXPOSURE CONTROL MEASURES / PERSONAL PROTECTION

8.1 Components with limit values that require monitoring at the workplace:

Hazardous Components	CAS No.	PEL (OSHA) mg/M ³	TLV (ACGIH) mg/M ³
Red Iron Oxide	1309-37-1	10 (fume) 15 (total dust) 5 (resp)	5 (resp)
Black Iron Oxide	1317-61-9	10 (fume) 15 (total dust) 5 (resp)	5 (resp)

8.2 Exposure Controls

Use ventilation adequate to keep exposures below recommended exposure limits.

8.3 General protective and hygienic measures

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

8.3a Personal protective equipment

Protection of hands:



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Wear gloves of adequate length to offer appropriate skin protection from incidental contact. Nitrile, Butyl and PVC gloves have been found to offer adequate protection for incidental contact.

Eye protection:

Wear approved eye protection properly fitted dust- or splash-proof chemical safety glasses.

Respiratory protection:

No respiratory protection required under normal conditions of use.

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

General Information

Appearance	Form: Liquid Color: Buff, Tan, Brown, Black, Red Odor: None
pH-value at 20°C (68 °F):	8-10
Boiling point/Boiling range:	160-200°F (71-94°C)
Auto igniting:	Product is not self-igniting.
Vapor pressure at 21°C (70°F)	<1 (water)
Density at 25°C (77 °F):	1.8 - 2.3
Solubility in / Miscibility with Water:	Very slight
VOC content:	0 g/L VOC

SECTION X – STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under normal storage conditions. Keep in dry storage.

10.3 Possibility of hazardous reaction

No dangerous reaction known under conditions of normal use.

10.4 Thermal decomposition / conditions to be avoided

No decomposition if used according to specifications.

10.5 Incompatible materials

Bromine trifluoride, lithium

10.6 Hazardous Decomposition or By-products

SECTION XI – TOXICOLOGICAL INFORMATION



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11.1 Exposure Routes: Ingestion.

11.2 Symptoms related to physical/chemical/toxicological characteristics:

Ingestion: Harmful if swallowed. Ingestion may cause discomfort and/or distress, nausea or vomiting.

Red Iron Oxide	1309-37-1	Oral LD50 > 10,000 mg/kg (rat)
Black Iron Oxide	1317-61-9	Oral LD50 > 10,000 mg/kg (rat)

11.3 Delayed, immediate and chronic effects of short-term and long-term exposure

Short Term

Skin Corrosion/Irritation: May cause skin irritation

Serious Eye Damage/Irritation: May cause respiratory irritation

Respiratory Sensitization: Not applicable

Skin Sensitization: Not applicable

Specific Target Organ Toxicity-Single Exposure– Category 3: May cause respiratory irritation

Aspiration Hazard: Not Applicable

Ingestion: Harmful if swallowed

Long Term

Carcinogenicity: This product is known to contain trace carcinogens at 1ppm or less; IARC Group III

Germ Cell Mutagenicity: Not applicable

Reproductive Toxicity: Not applicable

Specific Target Organ Toxicity- Repeated Exposure: Not applicable

Synergistic/Antagonistic Effects: Not applicable

SECTION XII – ECOLOGICAL INFORMATION

12.1 Ecotoxicity

This material is not expected to be harmful to the ecology.

12.2 Persistence and degradability

Dissolved into water

12.3 Bioaccumulative potential:

Not expected to occur

12.4 Mobility in soil

This material is expected to have very high mobility in soil. It does not absorb to most soil types.

12.5 Other Adverse Effects



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No further relevant information available.

SECTION XIII – DISPOSAL CONSIDERATIONS

13.1 Waste Disposal Method

The packaging and material may be land filled; however, material should be covered to minimize generation of airborne dust. This product is not classified as a hazardous waste under the authority of the RCRA (40CFR 261) or CERCLA (40CFR 117&302). Disposal must be made in accordance with local, state and federal regulations.

13.2 Other disposal considerations

Uncleaned packaging

Recommendation: Disposal must be made in accordance with local, state and federal regulations.

Recommended cleansing agent: Water, if necessary with cleansing agents.

SECTION XIV – TRANSPORT INFORMATION

	DOT (U.S.)	TDG (Canada)
UN-Number	Not Regulated	Not Regulated
UN proper shipping name	Not Regulated	Not Regulated
Transport Hazard Class(es)	Not Regulated	Not Regulated
Packing Group (if applicable)	Not Regulated	Not Regulated

14.1 Environmental hazards:

Not Available

14.2 Transport in bulk according to Annex II of Marpol 73/78 and the IBC Code

Not available

14.3 Special precautions for user

Do not handle until all safety precautions have been read and understood.

SECTION XV – OTHER REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislations specific for the chemical

Canada

WHMIS Classification: Considered to be a non-hazardous material under the Hazardous Products Act as defined by the Controlled Products Regulations and subject to the

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requirements of Health Canada's Workplace Hazardous Material Information (WHMIS). This document complies with the WHMIS requirements of the Hazardous Products Act (HPA) and the CPR.

15.2 US Federal Information**SARA 302/311/312/313 Components**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302, 311, 312 or 313.

15.3 State Right to Know Laws

WARNING: This product can expose you to chemicals including 1,4-Dioxane which is known to the State of California to cause cancer and Ethylene Oxide which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

15.4 Global Inventories

DSL All components of this product are on the Canadian DSL list.

TSCA No.: All constituents are listed in the TSCA inventory.

SECTION XVI – OTHER INFORMATION

Last Updated: November 6, 2019

NOTE: The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to silica contained in our products.

Prepared by

The QUIKRETE® Companies, LLC

End of SDS