Concrete Coatings

SAFETY DATA SHEET
(Complies with OSHA 29 CFR 1910.1200)

SECTION I: PRODUCT IDENTIFICATION

The QUIKRETE® Companies
One Securities Centre
3490 Piedmont Road, Suite 1300
Atlanta, GA 30305

Emergency Telephone Number
(770) 216-9580

Information Telephone Number
(770) 216-9580

MSDS H2
Revision: Aug-13

QUIKRETE® Product Name
QUIKRETE® Masonry Waterproofer 8610-09
QUIKRETE® Textured Acrylic Concrete Coating 8730-06

Product Use: Chemical coatings for concrete and masonry

SECTION II - HAZARD IDENTIFICATION

Hazard pictograms None
Signal word Caution

Hazard-determining components of labeling: 2,2,4-Trimethyl-1,3-pentanediol monoisobutyrate; Silica sand

Classification of the substance or mixture

HE16 Irritation – Eyes & Skin – Mild

H350 May cause cancer if product is sanded and particles become airborne and are inhaled.
Classification system:
The classification was made according to the latest editions of international substances lists defined by the Globally Harmonized System, and expanded upon from company and literature data.

NFPA Ratings (Scale 0-4)

Health = 1, Fire = 0, Reactivity = 0

Precautionary statements
P201 Obtain special instructions before use
P202 Do not handle until all safety precautions have been read and understood
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/protection/eye protection.
P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313 IF exposed or concerned: Get medical advice/attention.
P309 + P311 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
P501 Dispose of contents/container to an approved waste disposal plant.

SECTION III - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,2,4-Trimethyl-1,3-pentanediol monoisobutyrate</td>
<td>25265-77-4</td>
</tr>
<tr>
<td>Silica Sand</td>
<td>14808-60-7</td>
</tr>
</tbody>
</table>

SECTION IV – First Aid Measures

General information:
Immediately remove any clothing soiled by the product.

After inhalation: In case of unconsciousness place patient stably in side position for transportation.

After skin contact: Immediately wash with water and soap and rinse thoroughly.

After eye contact: Rinse opened eye for several minutes under running water. Call a doctor immediately. Remove contact lenses, if present. Hold eyelids apart and flush with water for at least 15 minutes.
After swallowing: Immediately call a doctor. Induce vomiting if advised to by medical professionals. Drink copious amounts of water and provide fresh air. Never give anything by mouth to an unconscious person.

SECTION V - FIRE AND EXPLOSION HAZARD DATA

Suitable extinguishing agents: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special hazards arising from the substance or mixture: No further relevant information available.

Protective equipment: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

Flammability of the Product: Non-flammable

Auto-Ignition Temperature: Not available

Flash Points: Not applicable

Products of Combustion: Not applicable

Fire Hazards in Presence of Various Substances: Non-flammable. Non-flammable in presence of shocks

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

Special Remarks on Fire Hazards: None

SECTION VI – ACCIDENTAL RELEASE MEASURES

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

Environmental precautions: Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Use neutralizing agent. Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND STORAGE

Handling
Precautions for safe handling: Ensure good ventilation/exhaustion at the workplace. A minor component may cause an allergic skin reaction. Wear appropriate PPE (See section 8).

Information about protection against explosions and fires: No special measures required.

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 receptacle tightly sealed. Specific end use(s): No further relevant information available

SECTION VIII – EXPOSURE CONTROL MEASURES

Components with limit values that require monitoring at the workplace: None

Additional information: The lists that were valid during the creation were used as basis.

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.

Personal protective equipment

Protection of hands:

Protective gloves

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

Eye protection:

Safety Glasses

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

General Information

Appearance

Form: Liquid
Color: Various colors
Odor: slight odor

pH-value at 20°C (68 °F): 8-9
Boiling point/Boiling range: >212°F
Flash point: >200°F (TCC)
Auto igniting: Product is not self-igniting.
Vapor pressure at 21°C (70°F) Not available
Density at 25°C (77 °F):
Acrylic Concrete Coating: 1.40
Masonry Waterproofing Coating: 1.53

Solubility in / Miscibility with Water: Miscible
VOC content:
   Acrylic Concrete Coating: 90 g/L of coating less water and less exempt compounds
   Masonry Waterproofing Coating: 95 g/L of coating less water and less exempt compounds

SECTION X - REACTIVITY DATA

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
Incompatible materials: Strong oxidizing agents, alkalis and acids
Hazardous decomposition products: No dangerous decomposition products known

SECTION XI – TOXICOLOGICAL INFORMATION

Acute toxicity:
Primary irritant effect
  on the skin: May irritate skin.
  on the eye: May irritate eyes
Sensitization: A minor component may cause an allergic skin reaction.

SECTION XII – ECOLOGICAL INFORMATION

Aquatic toxicity: No further relevant information available.
Persistence and degradability: No further relevant information available.
Behavior in environmental systems:
Bioaccumulative potential: No further relevant information available.
Additional ecological information:
General notes:
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewerage system. Must not reach bodies of water or drainage ditch undiluted or un-neutralized

SECTION XIII – DISPOSAL CONSIDERATIONS

Waste treatment methods
Recommendation:
Must not be disposed of together with household garbage. Do not allow product to reach waterways or storm sewers. Disposal must be made in accordance with local, state and federal regulations.
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

UN-Number
DOT, ADN ADR, IMDG, IATA  Not Regulated
UN proper shipping name: ORM-D
Environmental hazards: No
Marine pollutant: No

SECTION XV – OTHER REGULATORY INFORMATION

UNITED STATES (FEDERAL AND STATE)
TSCA No.: Crystalline silica (quartz) appears on the EPA TSCA inventory under the CAS No. 14808-60-7.
RCRA: Crystalline silica (quartz) is not classified as a hazardous waste under the Resource Conservation and Recovery Act, or its regulations, 40 CFR §261 et seq.
CERCLA: Crystalline silica (quartz) is not classified as a hazardous substance under regulations of the Comprehensive Environmental Response Compensation and Liability Act (CERCLA), 40 CFR §302.
Emergency Planning and Community Right to Know Act (SARA Title III): Crystalline silica (quartz) is not an extremely hazardous substance under Section 302 and is not a toxic chemical subject to the requirements of Section 313.
FDA: Silica is included in the list of substances that may be included in coatings used in food contact surfaces, 21 CFR §175.300(b)(3)(xxvi).
NTP: Respirable crystalline silica, primarily quartz dusts occurring in industrial and occupational settings, is classified as Known to be a Human Carcinogen.

OSHA Carcinogen: Crystalline silica (quartz) is not listed.

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

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.

California Prop. 65 Components
This product contains chemicals known to State of California to cause cancer and birth defects or other reproductive harm.
California Inhalation Reference Exposure Level (REL): California established a chronic REL of 3 µg for silica (crystalline, respirable). A chronic REL is an airborne level of a substance at or below which no adverse health effects are anticipated in individuals indefinitely exposed to the substance at that level.
Massachusetts Toxic Use Reduction Act: Silica, crystalline (respirable size, <10 microns) is “toxic” for purposes of the Massachusetts Toxic Use Reduction Act.
Pennsylvania Worker and Community Right to Know Act: Quartz is a hazardous substance under the Act, but it is not a special hazardous substance or an environmental hazardous substance.

CANADA
WHMIS Classification: Considered to be a hazardous material under the Hazardous Products Act as defined by the Controlled Products Regulations and subject to the requirements of Health Canada's Workplace Hazardous Material Information (WHMIS). This product has been classified according to the hazard criteria of the Controlled Products Regulation (CPR). This document complies with the WHMIS requirements of the Hazardous Products Act (HPA) and the CPR.

SECTION XVI – OTHER INFORMATION

Abbreviations and acronyms:
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
CAS: Chemical Abstract Service
RID: Regalement international concern ant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
ICAO: International Civil Aviation Organization
ACGIH: American Conference of Governmental Industrial Hygienists
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
CERCLA: Comprehensive Environmental Response, Compensation and Liability Act
CFR: Code of Federal Regulations
CPR: Controlled Products Regulations (Canada)
DOT: Department of Transportation
IARC: International Agency for Research
NIOSH: National Institute for Occupational Safety and Health
NTP: National Toxicity Program
OSHA: Occupational Safety and Health Administration
PEL: Permissible Exposure Limit
RCRA: Resource Conservation and Recovery Act
SARA: Superfund Amendments and Reauthorization Act
TLV: Threshold Limit Value
TWA: Time-weighted Average
WHMIS: Workplace Hazardous Material Information System

Last Updated: August 20, 2013
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. End of SDS.