

SAFETY DATA SHEET



HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	G

Section I - Product Identification

Date: 2016

Product Name:	QC Cemguard
Company	QC Construcion Products 11901, Gavin Rd, Laredo Tx, 78045
Chemical Name:	Penetrating concrete sealer
Chemical Family:	N/A
Chemical Formula:	Proprietary
D.O.T. Hazard Class:	N/A
Appearance & Odor:	Water clear, odorless
Emergency Telephone Number:	CHEMTREC (800) 424-9300
Telephone Number for Information:	956 622 7677
Product Use:	

Section II - Hazards Identification

Hazards Symbols:



This product is alkaline. Avoid contact with eyes and skin. Keep out of reach of children. The product may be harmful if it is inhaled or swallowed.

Potential Health Effects:

Code of Hazard Statements:

Physical Hazard

None

Health Hazards

H303 may be harmful if swallowed
H312 Harmful in contact with skin
H319 Causes serious eye irritation
H333 May be harmful if inhaled

Environmental hazards

None

Code of Precautionary Statements:

General

P101 Keep out of reach of children
P103 Read label before use

Prevention Statements

P202 Do not handle until all safety precautions have been read and understood
P262 Do not get in eyes, on skin or on clothing
P264 Wash thoroughly after handling using this product
P280 Wear protective gloves, protective clothing, eye protection, face protection.
P284 Wear respiratory protection

Response Statements

P312 Call a Poison Center or Doctor/physician if you feel unwell
P331 Do Not induce vomiting
P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing
P352 Wash with plenty of soap and water
P362 Take off contaminated clothing and wash before reuse.

Storage

P403 Store in well-ventilated place.
P404 Store in closed containers.
P412 Do not expose to temperatures exceeding 60 C (140 F)

Routes of Entry: Eye contact, Skin adsorption, ingestion and inhalation.

Carcinogenicity: None known at this time.

SAFETY DATA SHEET

Section III - Product Composition

Product	CAS #	%Weight
Lithium Silicate	12627-14-4	10-50
Silane	Proprietary	1-10
Water	7732-18-5	Balance

Section IV - First Aid Measures

Eye Contact: Flush eyes with water immediately while holding eyelids open. Remove contacts, if worn, after initial flushing and continue flushing for at least 15 minutes. Seek medical attention if irritation persists.

Skin Contact: Use soap and water to remove from the skin, remove contaminated clothing, clean thoroughly before reuse.

Inhalation: Move to fresh air. If not breathing, give rescue breathing. If breathing is difficult, give oxygen. Seek medical attention if breathing is still difficult.

Ingestion: If swallowed, get medical attention immediately. Do not induce vomiting. Never give anything by mouth to an unconscious person.

Section V - Fire Fighting Measure

Flash Point: Not flammable

Flammability Limits: N E

Fire Fighting Media: Dry Chemical, Carbon dioxide and Water spray

Special Fire Fighting

Procedures: First responders need to wear fullbunker gear with SCBA, never enter a confined space unless fully protected with proper personal protective equipment (PPE);

Material is alkaline and may cause the floor to be slippery.

Section VI - Accidental Release Measures

Clean up Procedures: Material is alkaline wear proper PPE. Stop the source of the release if you are not put in risk. Use absorbent material (such as sand or kitty litter) to absorb the spill, use plastic shovel to pick up absorbent for disposal.

Spills and Leaks: Dispose in accordance with local, state or federal regulations.

Section VII - Handling and Storage

Handling: Do not get into eyes. Do not taste or swallow. Wash thoroughly after handling.

Storage: Store in original labeled container. Keep in cool and dry areas. Do not exceed 60 °C (140 °F)

SAFETY DATA SHEET

Section VIII - Exposure Controls / Personal Protection

Personal Protective Equipment



Introductory Remarks: Consider the potential hazards of this product outlined in section 3. Use process exposures such as local local exhaust ventilation, to control over exposure to airborne levels above recommended exposure limits.

Personal Protection:

Eyes: Wear safety goggles og safety glasses to prevent eye contact.

Body: Long sleeve shirts, long pants, socks, rubber boots and chemical resistant gloves.

Hands: Chemical resistant gloves.

Respiratory: Wear an approved respirator (NIOSH TC-84A rated or EN 14387) that provides protection from this product if the airborne concentration exceed the recommended exposure limits.

Other: None

Section IX - Physical and Chemical Properties

Odor/Color	Nearly odorless & clear liquid	Vapor Presure	< 2.0torr @ 68 F (20°C)
pH	11.0	Density (water=1)	1.116 @ 68 F (20°C)
% Volatile by weighth	< 90	Solubility	> 99% in water
Evaporation rate (water=1)	< 1.0	Boiling Point	212 F (100°C)
Freezing point	0 C (32°F)		

Section X - Reactivity / Estability

Chemical Estability:	Considered stable under normal ambient temperatures
Hazardous Descomposition:	If complete combustion, oxides of carbon and silicates are formed.
Hazardous Polymerization:	Will not occur
Incompability Material to Avoid:	May react with strong oxidizing agents, strong acids and material salts.

Section XI - Toxicological Information

Acute Eye Irritation:	Irritating
Acute Skin Irritation:	Chronic exposure may be irritating
Acute Desmal Toxicity:	Not expected to be through the skin
Acute Inhalation Toxicity:	Not determined, expected to be an irritation to the respiratorysystem.
Carcinogeric Effect:	None
Existing Medical condition	
Aggravated by Exposure:	Exposure to eyes and skin may cause irritation to preexisting condition.

Section XI - Ecological Information

Waste Disposal Method:	What ever cannot be saved for recovery or recycling should be managed by the local, state or Federal Regulation.
Acute Skin Irritation:	All containers should be triple rinsed and disposed of according to local, state and Federal Regulation.

SAFETY DATA SHEET

Section XIII - Disposal Considerations

Waste Disposal Method: What ever cannot be saved for recovery or recycling should by the local state of Federal Rgulation

Container Handling and Disposal: All containers should be triple rinsed and disposed of according to local state and Federal Regulations.

Section XIV - Transportation / Shipping Data

Ground Classification: Not regulated by US DOT
Shipping Name: Pentra-Sil (HD)
Technical Shipping Name: None
UNFIC: None
ID Number: None
Packaging Group: None
Labels: No US DOT Labels
Not regulated by LATA or IMO: IMO

Section XV - Regulatory Information

EPCRA 311/312 Categories: Immediate (Acute) Health Effects: Yes
Delayed (Chronic) Health Effects: Yes
Fire Hazard: No
Sudden Release of Pressure: No
Reactivity: No

European Community: Irritating (Xi) substances
Right to know classification: All ingredients are llisted in Pa and NI
TSCA: All ingredients listed or exempt from listing
Reportable Quality (RQ): None
Prop 65: None
WHMIS: X1 (irritant to the eyes and skin)

All ingredients are listed as chemical inventories of ACIS, ECL, EEC, ENCS, EU, Israel, MAC, MAK, MITL PICCS, SWISS, Taiwan, USA and UK.

Abbreviations:

ACGIH - American Conference of Governmental Hygienists
CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
RCRA - Resource Conservation and Recovery Act
DOT - Department of Transportation
DSL - Domestic Substance List
EPA - Environmental Protection Agency
HMIS - Hazardous Materials Information System
IARC - International Agency for Research on Cancer
MSHA - Mine Safety Health Administration
NDSL - Non-Domestic Substance List
NIOSH - National Institute for Occupational Safety and Health
NTP - National Toxicology Program
WHMIS - Workplace Hazardous Materials Information System
OSHA - Occupational Safety and Health Administration
PEL - Permissible Exposure Limit
RTK - Right To Know
SARA - Superfund Amendments and Reauthorization Act
STEL - Short Term Exposure Limit
TLV - Threshold Limit Value
TSCA - Toxic Substances Control Act
TWA - Time Weighted Average
V - Volume
VOC - Volatile Organic Compound

Section XV - Other Information

HMIS Rating :

HEALT 1 0 = Minimum
FLAMMABILITY 0 1 = Slight
REACTIVITY 0 2 = Moderate
PPE 0 3 = Serious

SAFETY DATA SHEET

Section XVI - Other Information

Further information:

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

Legend

ACGIH - American Conference of Governmental Hygienists PEL - Permissible Exposure Limit
CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
RCRA - Resource Conservation and Recovery Act
DOT - Department of Transportation RTK - Right To Know
DSL - Domestic Substance List SARA - Superfund Amendments and Reauthorization Act
EPA - Environmental Protection Agency STEL - Short Term Exposure Limit
HMIS - Hazardous Materials Information System TLV - Threshold Limit Value
IARC - International Agency for Research on Cancer TSCA - Toxic Substances Control Act
MSHA - Mine Safety Health Administration TWA - Time Weighted Average
NDSL - Non-Domestic Substance List V - Volume
NIOSH - National Institute for Occupational Safety and Health VOC - Volatile Organic Compound
NTP - National Toxicology Program
WHMIS - Workplace Hazardous Materials Information System
OSHA - Occupational Safety and Health Administration

References:

CA: California	NOEC: No observable effect concentration
CAS: Chemical Abstract Services	NTP: National Toxicology Program
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980	OSHA: Occupational Safety and Health Administration
CFR: Code of Federal Regulations	PEL: Permissible exposure limit
DOT: Department of Transportation	PICCS: Philippine Inventory of Chemicals and Chemical Substances
EINECS: European Inventory of Existing Commercial chemical Substances	RCRA: Resource Conservation and Recovery Act
ENCS: Existing and New Chemical Substances	RTECS: Registry of Toxic Effects of Chemical Substances
IARC: International Agency for Research on Cancer	SARA: Superfund Amendments and Reauthorization Act
IBC: Intermediate Bulk Container	STEL: Short Term Exposure Limit
IECSC: Inventory of Existing Chemical Substances	TDG: Canadian Transportation of Dangerous Goods Act & Regulations
IMDG: International Maritime Dangerous Goods	TLV: Threshold Limit Values
Inh: Inhalation	TWA: Time Weighted Average
IOC: Inventory of Chemicals	TSCA: Toxic Substance Control Act
KECI: Korean Existing Chemicals Inventory	WHMIS: Workplace Hazardous Materials Identification System
KECL: Korean Existing Chemicals List	1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices for 2015.
LC: Lethal Concentration	2. International Agency for Research on Cancer Monographs, searched 2015.
LD: Lethal Dose	3. Canadian Centre for Occupational Health and Safety, CCHInfoWeb Databases, 2015 (Chempendium, HSDB, RTECs).
MA: Massachusetts	4. Material Safety Data Sheet from manufacturer.
MN: Minnesota	5. OECD - The Global Portal to Information on Chemical Substances - eChemPortal, 2015.
N/Ap: Not Applicable	6. US EPA Title III List of Lists
N/Av: Not Available	6. California Proposition 65 List
NIOSH: National Institute of Occupational Safety and Health	
NJ: New Jersey	

DISCLAIMER

This Safety Data Sheet was prepared by JBM Inc. using information provided by "QC" CONSTRUCTION PRODUCTS QUALITY ARCHITECTURAL CONCRETE. The information in the Safety Data Sheet is offered for your consideration and guidance when exposed to this product. JBM Inc. and "QC" CONSTRUCTION PRODUCTS QUALITY ARCHITECTURAL CONCRETE expressly disclaim all expressed or implied warranties and assume no responsibilities for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other process.

This Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of JBM Inc. and "QC" CONSTRUCTION PRODUCTS QUALITY ARCHITECTURAL CONCRETE.

Before using this product :

Completely read the QC Tech-Data Bulletin
Antiquing Release and the product label.

10.05M

QC Cemguard