

# SAFETY DATA SHEET



HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

## Section I - Product Identification

Date: 2016

Product Name:	QC Flattening Agent
Company	QC Construcion Products 11901, Gavin Rd, Laredo Tx, 78045
Chemical Name:	Hydroxilated silicon dioxide
Chemical Family:	Non-metallic oxide
Chemical Formula:	White, odorless powder
D.O.T. Hazard Class:	N/A
Appearance & Odor:	White in color and odorless
Emergency Telephone Number:	CHEMTREC (800) 424-9300
Telephone Number for Information:	956 622 7677
Product Use:	

## Section II - Hazards Identification

Hazard Symbol:



Routes of Entry:

Inhalation: Yes  
Skin Contact: No  
Ingestion: No

Health Hazards:

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Carcinogenicity:

NTP? No IARC? No OSHA? No

Signs and Symptoms

Of Exposure:

May cause discomfort to respiratory tract.

Aggravated Medical

Conditions:

Respiratory diseases, e.g. asthma.

## Section III - Product Composition

Composition	Weight %	CAS No.
Silica, amorphous, precipitated and gel	> 87	112926-00-8

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## Section IV - First Aid Measures

Eye Contact:	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.
Inhalation:	Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
Skin Contact:	Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.
Ingestion:	If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting.

## Section V - Fire Fighting Measure

Flash Point:	N/A
Flammable Limits:	N/A
Firefighting Media:	N/A
Special Firefighting Procedure:	N/A
Unusual Fire Hazards:	None

## Section VI - Accidental Release Measures

For non-emergency personnel:	No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Product forms slippery surface when combined with water.
For emergency responders:	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For nonemergency personnel".
Environmental precautions:	Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

## Section VII - Handling and Storage

Protective measures :	Put on appropriate personal protective equipment (see Section 8).
Advice on general occupational hygiene:	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. When transferring material into flammable solvents, use proper grounding to avoid electrical sparks. Avoid alteration of product properties before use. Calcining (which may result in crystalline formation) or mixing with additives may alter toxicological properties. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities:	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Do not store in unlabeled containers.

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## Section VIII - Exposure Controls / Personal Protection

### Personal Protective Equipment



Eye/face protection:	Safety glasses with side shields.
Hand protection:	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Gloves:	Leather, Cloth or Rubber gloves
Body protection:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection:	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

## Section IX - Physical and Chemical Properties

Specific Gravity (H <sub>2</sub> O=1):	2.2
Boiling Point:	N/A
Melting Point:	1700 °F (926.7 °C)
Vapor Pressure:	N/A
Vapor Density:	N/A
Evaporation Rate:	N/A
Solubility In Water:	Insoluble

## Section X - Reactivity / Estability

Reactivity:	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability:	The product is stable.
Possibility of hazardous reactions:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid:	High temperature (>800 C) treatment (calcining). Avoid alteration of product properties before use. Calcining (which may result in crystalline formation) or mixing with additives may alter toxicological properties. Refer to protective measures listed in sections 7 and 8.
Incompatible materials:	Reactive or incompatible with the following materials: acids, oxidizing materials, strong alkalis.
Hazardous decomposition products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section XI - Toxicological Information

No Data Available

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## Section XII - Ecological Information

Product/ingredient name	Result	Species	Exposure
Silica, amorphous, precipitated and gel	NOEC >1000 ppm	Daphnia - Daphnia magna	24 hours
	Acute NOEC >10000 ppm Fresh water	Fish	96 hours Static
	Acute NOEC >10000 ppm	Fish - Brachydanio rerio	4 days Static

## Section XIII - Disposal Considerations

Disposal Method : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

## Section XIV - Transportation / Shipping Data

TDG / DOT Shipping Description:  
Not regulated

## Section XV - Regulatory Information

**North American Inventories:** t from the TSCA inventory.  
ted on, or exempt from the Canadian Domestic Substances List.  
All components are listed or exemp  
This product or its components are lis

### U.S. Federal Regulations:

SARA 302/304 Not applicable.  
SARA 304 RQ

Composition/information on ingredients  
No products were found.

SARA 311/312 Not applicable.  
Classification

Composition/information on ingredients  
No products were found.

## Section XVI - Other Information

HMIS Rating :

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

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

### 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 Flattening Agent