

# SAFETY DATA SHEET



HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	G

## Section I - Product Identification

Date: 2016

Product Name:	QC Release Powder II
Company	QC Construcion Products 11901, Gavin Rd, Laredo Tx, 78045
Chemical Name:	Release Powder, Hydrophobic Powder
Chemical Family:	Mixture
Chemical Formula:	Proprietary
D.O.T. Hazard Class:	N/A
Appearance & Odor:	Light, fluffy powder of various colors having an earthy odor.
Emergency Telephone Number:	CHEMTREC (800) 424-9300
Telephone Number for Information:	956 622 7677
Product Use:	

## Section II - Hazards Identification

Hazard Symbol:



Emergency Overview

Powder. May cause coughing and wheezing. Dust may irritate respiratory tract. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Acute Potential Health Effects/ Routes of Entry

Inhalation :	May cause coughing and wheezing. Dust may irritate respiratory tract.
Eyes :	Dust may cause eye irritation. May cause mechanical irritation or abrasion. Direct contact may cause temporary redness and discomfort.
Ingestion :	May cause gastrointestinal irritation, nausea, and vomiting.
Skin :	May cause mild irritation.

Aggravated Medical Conditions

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

Chronic Health Effects

Inhalation of crystalline silica (quartz) can cause cancer based on animal data, and IARC concludes sufficient evidence in humans (Group 1). Prolonged and repeated overexposure to free crystalline silica dust above the TLV level may cause scarring of the lungs with cough and shortness of breath. A delayed lung injury, silicosis may result from breathing free silica. Prolonged inhalation of mica airborne dust can produce scar tissue in the lungs.

## Section III - Product Composition

Composition	Weight %	CAS Number
Crystalline Silica (Quartz)/Silica Sand	Proprietary	14808-60-7
Calcium stearate	Proprietary	1592-23-0
Iron Oxides	1.0 - 5.0	1309-37-1
	1.0 - 5.0	51274-00-1
	1.0 - 5.0	1317-61-9
Chrome Oxide	1.0 - 5.0	1308-38-9
Cobalt Oxide	1.0 - 5.0	1307-96-6
Titanium Dioxide	1.0 - 5.0	13463-67-7

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## Section IV - First Aid Measures

- Inhalation: Remove from work area into fresh air; administer artificial respiration by qualified person if breathing has stopped. Seek immediate medical attention.
- Skin Contact: Wash with soap and water, see physician if irritation persists.
- Eye Contact: Flush with large amount of water, see a physician if irritation persists.
- Ingestion: Do not induce vomiting. If large amount is swallowed and breathing is difficult, seek immediate medical attention. Have person drink approximately 10 oz. of water to dilute material in stomach.

## 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:	N/A

- Inhalation: Acute exposure may cause irritation to the upper respiratory system. Symptoms are coughing, sneezing, wheezing, nose irritation and some difficulty in breathing. No reported health effects to long time exposure. Crystalline silica is a minor impurity found in one of the raw materials, but at the level found in this finished product it is not considered to be carcinogenic by OSHA, NTP or IARC. Persons with existing pulmonary disorders should avoid breathing any dust generated during the use of this product.
- Skin Contact: Mild irritation, NIOSH RTECS IRDS: SKN-HMN 300 ug/3D-1 MLD
- Eye Contact: Irritation
- Ingestion: Not carcinogenic, may irritate and cause gagging, coughing and choking

## Section VI - Accidental Release Measures

Use appropriate protective equipment. Avoid contact with material. Dampen material with water to control dusting. Scoop up and transfer to appropriate container for disposal. Flush spill area with water.

## Section VII - Handling and Storage

Store under normal warehouse conditions in sealed containers. Handle in compliance with common hygienic practices. Clean hands thoroughly after handling.

## Section VIII - Exposure Controls / Personal Protection

### Personal Protection Equipment



Respiratory protection : Wear appropriate, properly fitted NIOSH/MSHA approved dust respirator where airborne concentrations are expected to exceed exposure limits indicated on the MSDS. Follow manufacturer's directions for respirator use.

Hand protection : Use suitable impervious rubber or vinyl gloves and protective apparel to reduce exposure.

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## Section VIII - Exposure Controls / Personal Protection

Eye protection :	Wear appropriate eye protection.
Skin and body protection :	Prevent contact with shoes and clothing. Use rubber apron and overshoes.
Protective measures :	Use professional judgment in the selection, care, and use.
Engineering measures :	Use only in well ventilated areas. Provide maximum ventilation in enclosed areas. Use local exhaust when the general ventilation is inadequate.

Chemical Name:	CAS Number :	Regulation:	Limit:	Form:
Iron Oxides	1309-37-1	ACGIH TWA:	10 mg/m3	
	51274-00-1	OSHA PEL:	15 mg/m3	Total Dust
	1317-61-9	OSHA TWA:	15 mg/m3	Total Dust
		OSHA TWA:	5 mg/m3	Respirable Fraction
Crome Oxide	1308-38-9	OSHA PEL:	0.5 mg/m3	Total Dust
Cobalt Oxide	1307-96-6	OSHA PEL:	0.1 mg(Co)/m3	Total Dust
Titanium Oxide	13463-67-7	ACGIH TWA:	10 mg/m3	
		OSHA PEL:	15 mg/m3	Total Dust
		OSHA TWA:	15 mg/m3	Total Dust
		OSHA TWA:	5 mg/m3	Respirable Fraction
Crystalline Silica (Quartz)/Silica Sand	14808-60-7	OSHA TWA:	0.1 mg/m3	Respirable.
		OSHA TWA:	0.3 mg/m3	Total dust.
		OSHA PEL:	15 mg/m3	Total dust.
		OSHA PEL:	5 mg/m3	Respirable fraction.
		ACGIH TWA:	0.025 mg/m3	Respirable fraction.
Calcium stearate	1592-23-0	ACGIH TWA:	10 mg/m3	

## Section IX - Physical and Chemical Properties

Specific Gravity :	1.51
Form :	Powder
Color :	All Colors
Odor :	None
pH :	Not available.
Vapour pressure :	Not available.
Vapor density :	Not available.
Melting point/range :	Not available.
Freezing point :	Not available.
Boiling point/range :	Not available.
Water solubility :	Not available.
% Volatile Weight :	0.0 %

## Section X - Reactivity / Estability

Reactivity:	Stable
Incompatibilities:	Reacts with strong acid to emit carbon dioxide
Decomposition or Byproducts:	None
Hazardous Polymerization:	Will not occur under normal conditions.
Conditions to Avoid:	None
Stability :	Material is stable under normal storage, handling, and use.
Substances to avoid :	Not Applicable.

## Section XI - Toxicological Information

No Data Available

## Section XII - Ecological Information

No Data Available

## Section XIII - Disposal Considerations

Disposal Method : Not regulated under RCRA. Dispose of in compliance with state and local regulations. Do not incinerate.

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## Section XIV - Transportation / Shipping Data

DOT Hazard Class:  
Not regulated

## Section XV - Regulatory Information

### North American Inventories:

All components are listed or exempt from the TSCA inventory.  
This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

### U.S. Federal Regulations:

SARA 313 Components : None present or none present in regulated quantities.  
SARA 311/312 Hazards : Acute Health Hazard, Chronic Health Hazard

### OSHA Hazardous Components :

Calcium stearate 1592-23-0  
Crystalline Silica (Quartz)/ Silica Sand 14808-60-7

OSHA Status: Considered hazardous based on the following criteria: Irritant  
OSHA Flammability : Not Regulated

Regulatory VOC (less water and exempt solvent): 0 g/l

VOC Method 310 : 0 %

Chemical is listed as an IARC, NTP, OSHA, or ACGIH Carcinogen:

Crystalline Silica (Quartz)/ Silica Sand 14808-60-7

### U.S. State Regulations:

MASS RTK Components :	Crystalline Silica (Quartz)/ Silica Sand	14808-60-7
Penn RTK Components :	Calcium stearate	1592-23-0
	Crystalline Silica (Quartz)/ Silica Sand	14808-60-7
NJ RTK Components :	Calcium stearate	1592-23-0
	Crystalline Silica (Quartz)/ Silica Sand	14808-60-7

## Section XVI - Other Information

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

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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	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	5. 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 Release Powder II