

# SAFETY DATA SHEET



HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	E

## Section I - Product Identification

Date: 2016

Product Name:	QC Water-Based Tint - All Colors
Company	QC Construcion Products 11901, Gavin Rd, Laredo Tx, 78045
Chemical Name:	Pigment dispersion
Chemical Family:	Pigment dispersion/glycol/water/surfactant
Chemical Formula:	Proprietary
D.O.T. Hazard Class:	Not regulated
Appearance & Odor:	Liquid/paste of various colors, ammoniacal 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

Clear to White. Liquid. No serious effects anticipated under normal conditions of use. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Acute Potential Health Effects/ Routes of Entry

Inhalation :	Excessive concentrations of vapors or mist may cause irritation of nose and throat, dizziness, drowsiness, fatigue and loss of coordination. May aggravate asthmatic conditions.
Eyes :	May cause irritation if excessive amount of vapors are present.
Ingestion :	May cause minor gastrointestinal discomfort, drowsiness, loss of coordination, dizziness and fatigue.
Skin :	Irritant to skin, can cause defatting and dermatitis.

Aggravated Medical Conditions

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

Chronic Health Effects

Glycol ethers caused anemia and other blood abnormalities, kidney, liver and lung effects in experimental animals. Fillers are encapsulated and not expected to be released from product under normal conditions of use.

## Section III - Product Composition

Composition	Weight %	CAS Number
Water	> 60.0	7732-18-5
Acrylic latex polymer	30.0 - 60.0	25133-98-5
Non-ionic surfactant	3.0 - 7.0	PROPRIETARY
2-Butoxythanol (Glycol ether)	3.0 - 7.0	111-76-2
Iron Oxides		1309-37-1 51274-00-1 1317-61-9
Chrome Oxides	PROPRIETARY	1308-38-9
Cobalt Oxides	PROPRIETARY	1307-96-6
Titanium Dioxide	PROPRIETARY	13463-67-7

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## Section IV - First Aid Measures

**Get immediate medical attention for any significant overexposure.**

Inhalation:	If irritation persists, move person away from work area into fresh air away from vapors.
Skin Contact:	Wash with soap and water. Remove contaminated clothing and wash before reuse.
Eye Contact:	Rinse with large amounts of water for at least 15 minutes. If irritation persists, seek medical attention.
Ingestion:	Induce vomiting (if person is conscious) by giving two glasses of water. Seek medical attention.

## Section V - Fire Fighting Measure

Flash point	Not available.
Method	Not applicable.
Burning rate	Non-Flammable Liquid
Lower explosion limit	Not available.
Upper explosion limit	Not available.
Autoignition temperature	Not available.
Extinguishing media	This product is not expected to burn under normal conditions of use.
Hazardous combustion products	Carbon monoxide and carbon dioxide can form. Smoke, fumes.
Protective equipment for firefighters	Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).
Fire and explosion conditions	This product not expected to ignite under normal conditions of use.

## Section VI - Accidental Release Measures

Transfer to appropriate container for disposal. Stop now. Contain spill. Keep out courses. absorb spill in sand. earth or other suitable material. transfer to appropriate container for disposal. Use appropriate protective equipment. Avoid contact with material

## Section VII - Handling and Storage

Handle in compliance with common hygienic practices. Clean hands thoroughly after handling. Keep from freezing. do not use in contained or poorly ventilated areas. Prevent inhalation of vapor, ingestion and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. store in sealed containers in a dry, ventilated warehouse location above freezing.

## Section VIII - Exposure Controls / Personal Protection

Personal Protective Equipment



Respiratory protection

Not required under normal conditions of use. Wear appropriate, NIOSH/MSHA approved respirator with combination particulate filter and vapor/gas removing cartridge when the ventilation is not adequate or if it is necessary to abrade or grind surfaces coated with this product.

Hand protection

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

Eye protection

Wear appropriate eye protection. Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily available.

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## Section VIII - Exposure Controls / Personal Protection

Skin and body protection : Prevent contact with shoes and clothing. Use rubber apron and overshoes.  
 Protective measures : Other equipment not normally required. Use professional judgment in the selection, care, and use.  
 Engineering measures : Not required under normal conditions of use. Use local exhaust when the general ventilation is inadequate.

Chemical Name	CAS Number	Regulation	Limit	Form
2-Butoxyethanol (Glycol ether)	111-76-2	ACGIH TWA:	20 ppm	
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.
CHROME 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.		

## Section IX - Physical and Chemical Properties

Form: Liquid  
 Color: All Color  
 pH: Not available.  
 Vapour pressure: Not available.  
 Vapor density : Heavier than air  
 Melting point/range: Not available.  
 Freezing point : Not available.  
 Boiling point/range: Not available.  
 Water solubility: Soluble  
 Specific Gravity: 1.0  
 % Volatile Weight: 63.7 %

## Section X - Reactivity / Estability

Substances to avoid Strong acids. Strong bases.  
 Stability Stable  
 Hazardous polymerization Will not occur.

## Section XI - Toxicological Information

2-Butoxyethanol (Glycol ether), CAS-No.: 111-76-2

Acute oral toxicity (LD-50 oral) 1,200 mg/kg ( Mouse ) 320 mg/kg ( Rabbit ) 1,200 mg/kg ( Guinea pig ) 1,480 mg/kg ( Rat )  
 2,600 mg/kg ( Rat ) 2,420 mg/kg ( Rat ) 880 mg/kg ( Rat ) 1,230 mg/kg ( Mouse )  
 1,200 mg/kg ( Guinea pig ) 1,414 mg/kg ( Guinea pig ) 2,005 mg/kg ( Mouse ) 1,480 mg/kg  
 ( Rat ) 615 mg/kg ( Rat ) 1,519 mg/kg ( Mouse ) 695 mg/kg ( Rabbit ) 1,414 mg/kg ( Guinea pig )  
 1,746 mg/kg ( Rat ) 500 mg/kg ( Guinea pig ) > 695mg/kg ( Dog ) > 530- < 2,800mg/kg ( Rat )  
 > 1,000- < 2,000mg/kg ( Rat ) > 560- < 3,000mg/kg ( Rat )

Acute inhalation toxicity (LC-50) (Rat) for 7h (Guinea pig) for 7h (Mouse) for 7h ( Dog ) for 4h (Rat) for 1h (Guinea pig) >= 3.34mg/l for 1 h (Guinea pig) for 4h (Rat) >= 3.06mg/l for 1h (Guinea pig) > 4.9mg/l (Rat) (Rat) (Rat) for 7h (Rabbit) ( Rat ) for 1h (Guinea pig) (Rat)

Acute dermal toxicity (LD-50 dermal) 400 mg/kg ( Rabbit ) 6,411 mg/kg ( Guinea pig ) > 2,000 mg/kg ( Rat ) 841 mg/kg ( Rabbit )  
 > 1,200 mg/kg ( Guinea pig ) > 2,000 mg/kg ( Guinea pig ) 667 mg/kg ( Rabbit ) > 2,000 mg/kg  
 ( Rabbit ) 435 mg/kg ( Rabbit ) 1,060 mg/kg ( Rabbit )

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## Section XII - Ecological Information

No Data Available

## Section XIII - Disposal Considerations

Disposal Method. Waste not regulated under RCRA. Dispose of in compliance with state and local regulations.

## Section XIV - Transportation / Shipping Data

CFR / DOT:

Not Regulated

TDG:

Not Regulated

IMDG:

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 :	2-Butoxyethanol (Glycol ether)	111-76-2
SARA 311/312 Hazards :	Acute Health Hazard	
OSHA Hazardous Components :		
2-Butoxyethanol (Glycol ether) Ethylene glycol	111-76-2	
OSHA Status: Considered : hazardous based on the following criteria:	Irritant	
OSHA Flammability :	Not Regulated	
Regulatory VOC (less water and exempt solvent)	78g/l	
VOC Method 310	3.08%	

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## Section XV - Regulatory Information

### U.S. State Regulations:

#### MASS RTK Components :

2-Butoxyethanol (Glycol ether)	111-76-2
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#### Penn RTK Components :

Water	7732-18-5
Acrylic latex polymer	25133-98-6
Non-ionic surfactant	PROPRYETARY
2-Butoxyethanol (Glycol ether)	111-76-2

#### NJ RTK Components :

Water	7732-18-5
Acrylic latex polymer	25133-98-6
Non-ionic surfactant	PROPRYETARY
2-Butoxyethanol (Glycol ether)	111-76-2

#### Components under California Proposition 65:

WARNING! Contains chemicals known to the State of California to cause cancer, birth defects and/or other reproductive harm

## 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	

#### HMIS Rating :

Health	1
Flammability	0
Reactivity	0
PPE	

0 = Minimum
1 = Slight
2 = Moderate
3 = Serious
4 = Severe

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## Section XVI - Other Information

### 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 Sunstances 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 (Chempendium, 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 Water-Based Tint - All Colors