

# SAFETY DATA SHEET



HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	E

## Section I - Product Identification

Date: 2016

Product Name:	QC Concrete Resurfacer HD Liquid
Company	QC Construcion Products 11901, Gavin Rd, Laredo Tx, 78045
Chemical Name:	Concrete resurfacing liquid
Chemical Family:	Mixture
Chemical Formula:	Proprietary
D.O.T. Hazard Class:	N/A
Appearance & Odor:	White liquid, sweet smell
Emergency Telephone Number:	CHEMTREC (800) 424-9300
Telephone Number for Information:	956 622 7677
Product Use:	

## Section II - Hazards Identification

Hazard Symbol:



**Emergency Overview.** Translucent. 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:** No serious effects anticipated under normal conditions of use.

**Skin Contact:** May cause mild irritation.

**Eye Contact: Ingestion:** Direct contact may cause mild irritation.

**Ingestion.** May cause gastrointestinal irritation, nausea, and vomiting.

**Aggravated Medical Conditions**

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

**Chronic Health Effects**

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 Polymer(s)	15.0 - 40.0	NOT AVAILABLE
Vinyl Acetate+Ethylene (dispersion in water)	15.0 - 40.0	24937-78-8
Vinyl Acetate Monomer	0.1-1.0	108-05-4

# SAFETY DATA SHEET

## Section IV - First Aid Measures

Inhalation:	Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.
Skin Contact:	Wash with soap and water as normal. If irritation develops, seek medical attention.
Eye Contact:	Flush with large doses of water for 15-20 minutes. Seek immediate medical attention.
Ingestion:	Do not induce vomiting; seek medical attention immediately.
Notes to physician:	Not applicable.

## Section V - Fire Fighting Measure

Flash Point:	None
Flammable Limits:	N/A
Extinguishing Media:	This product not expected to burn under normal condition of use
Special Fire Fighting Procedures:	Not required
Unusual Fire and Explosion Hazards:	This product not expected to burn under normal condition of use

## Section VI - Accidental Release Measures

Transfer to appropriate container for disposal. Stop flow. 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 confined 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 Protection Equipment



Ventilation/Engineering Controls Adequate ventilation and sufficient local exhaust as needed to maintain exposure below TWA and TLV limits.

Respiratory Protection: Wear dust (particulate) respirator (NIOSH TC-84A approved). 3M Company's Tech Line (1-800-243-4630) may be helpful for respirator advice and availability. For respirator protection guidelines refer to OSHA 29 CFR 1910.134.

# SAFETY DATA SHEET

## Section VIII - Exposure Controls / Personal Protection

- 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.
- 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
- Engineering measures : No known components with exposure limits.

## Section IX - Physical and Chemical Properties

Appearance:	Fine powder. Various colors.
Odor:	Low odor
Vapor Pressure (mm Hg.):	Not applicable
Vapor Density (Air = 1):	Not applicable
Boiling Point:	212 °F (100 °C)
Melting Point:	Not applicable
Solubility in Water:	Miscible
Specific Gravity (H <sub>2</sub> O = 1):	1.03
Evaporation Rate (Butyl Acetate = 1):	Less than 1 (Butyl acetate =1)
Volatile Organic Compounds:	Nil
*Further Information VOC	< 1.5 gr/lit

## Section X - Reactivity / Estability

Stability:	e l b a t S
Conditions to Avoid:	None
Incompatibility (Materials to Avoid):	Strong oxidizers such as nitric acid
Hazardous Decomposition or By-products:	None
Hazardous Polymerization:	Will not occur.

## Section XI - Toxicological Information

No Data available

# SAFETY DATA SHEET

## 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

DOT Hazard Class:  
Not regulated

## Section XV - Regulatory Information

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 Regulation

\*SARA 313 Components :  
None present or none present in regulated quantities.

\*SARA 311/312 Hazards :  
Based on an evaluation of the components used, this product does not contain hazardous ingredients identified as per 29 CFR 1910.1200

\*OSHA Hazardous Components :  
\*OSHA Flammability : Not Regulated  
\*Regulatory VOC (less water and exempt solvent): 1 g/l  
\*VOC Method 310 : 0 %

### U.S. State Regulation

* Penn RTK Components :	Water	7732-18-5
	Acrylic Polymer(s)	NOT AVAILABLE
	Vinyl Acetate + Ethylene (dispersion in water)	24937-78-8
* NJ RTK Components :	Water	7732-18-5
	Acrylic Polymer(s)	NOT AVAILABLE
	Vinyl Acetate + Ethylene (dispersion in water)	24937-78-8

## Section XVI - Other Information

HMIS Rating :

Health	1	0 = Minimum
Flammability	0	1 = Slight
Reactivity	0	2 = Moderate
PPE		3 = Serious
		4 = Severe

# 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
IECS: 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, CCIInfoWeb 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	
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.

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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 Concrete Resurfacer HD Liquid