

SAFETY DATA SHEET



HEALTH	2
FLAMMABILITY	3
PHYSICAL HAZARD	0
PERSONAL PROTECTION	[H]

Section I - Product Identification

Date: 2016

Product Name:	QC ULTRA SEAL
Company	QC Construcion Products 11901, Gavin Rd, Laredo Tx, 78045
Chemical Name:	N/A
Chemical Family:	N/A
Chemical Formula:	Proprietary
D.O.T. Hazard Class:	Paint, 3, UN1263, III
Appearance & Odor:	Clear liquid, sweet 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. Liquid. May cause moderate irritation to the respiratory system. May cause nausea, headaches, and dizziness. May cause drowsiness, weakness, and fatigue. Move to fresh air. If required, artificial respiration or administration of oxygen can be performed by trained personnel. 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 moderate irritation to the respiratory system. May cause nausea, headaches, and dizziness. May cause drowsiness, weakness, and fatigue.
Eyes :	Vapor and/or mist may cause eye irritation. Direct contact may cause temporary redness and discomfort.
Ingestion :	May cause irritation to the mouth, throat and stomach. May cause gastrointestinal irritation, nausea, and vomiting.
Skin :	May cause moderate irritation.

Aggravated Medical Conditions

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

Chronic Health Effects

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Prolonged or repeated exposure to xylene may cause defatting, drying, and irritation of the skin, dermatitis, central nervous system (CNS) effects, heart muscle sensitization and arrhythmia, hearing loss, and brain, liver, kidney damage. Xylene overexposure may affect fetal development. Prolonged or repeated contact/exposure to aromatic petroleum distillates may cause defatting, drying, and irritation of the skin, dermatitis, and central nervous system (CNS) effects. Fillers are encapsulated and not expected to be released from product under normal conditions of use.

Target Organs: Skin, Eye, Lung, Liver, Kidney, Nerve, Reproductive

Section III - Product Composition

Composition	CAS Number	%
Aromatic petroleum distillates	64742-95-6	PROPRIETARY
Acetone	67-64-1	PROPRIETARY

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Section IV - First Aid Measures

Get immediate medical attention for any significant overexposure.

Inhalation : Move to fresh air. If required, artificial respiration or administration of oxygen can be performed by trained personnel. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Eye contact : Flush with water for at least 15 minutes while holding eye lids apart. Get medical attention immediately.

Skin contact : Wash area of contact thoroughly with hand cleaner followed by soap and water. If irritation, rash or other disorders develop, get medical attention immediately.

Ingestion : Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately.

Section V - Fire Fighting Measure

Flash point :	-4 °F (-20 °C)
Method :	Pensky-Martens Closed Cup
Lower explosion limit :	1 %(V) Solvent
Upper explosion limit :	7 %(V) Solvent
Autoignition temperature :	Not available.
Extinguishing media :	If water fog is ineffective, use carbon dioxide, dry chemical or foam.
Hazardous combustion products:	Smoke, fumes. Carbon monoxide and carbon dioxide can form. Nitrogen oxides can form.
Protective equipment for firefighters:	Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA). Water may be used to cool containers to minimize pressure build-up.
Fire and explosion conditions :	Vapor concentrations in enclosed areas may ignite explosively. Product may ignite if heated in excess of its flash point. Vapors may travel to sources of ignition and flashback. Closed container, may burst when exposed to extreme heat. Empty containers may contain ignitable vapors.

Section VI - Accidental Release Measures

Use appropriate protective equipment. Avoid contact with material. Remove sources of ignition immediately. Stop flow of material if safe to do so. Contain spill and keep out of water courses. Ventilate area.

Section VII - Handling and Storage

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. To prevent generation of static discharges, use bonding/grounding connection when pouring liquid. Extinguish all ignition sources including pilot lights, nonexplosion proof motors and electrical equipment until vapors dissipate. Personal protective equipment must be worn during maintenance or repair of contaminated mixer, reactor, or other equipment. Keep container closed when not in use. Vapor may migrate to sources of ignition. Do not smoke, weld, generate sparks, or use flame near container. Store in sealed containers in a cool, dry, ventilated warehouse location.

Section VIII - Exposure Controls / Personal Protection

Personal Protective Equipment



Respiratory protection : Wear appropriate, properly fitted NIOSH/MSHA approved organic vapor or supplied air respirator when airborne contaminant level(s) are expected to exceed exposure limits indicated on the MSDS. Follow manufacturer's directions for respirator use.

Hand protection : Use suitable impervious nitrile or neoprene 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

Protective measures : Use professional judgment in the selection, care, and use. Inspect and replace equipment at regular intervals.

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:
ACETONE	67-64-1	ACGIH TWA: ACGIH STEL: OSHA PEL:	500 ppm 750 ppm 2,400 mg/m ³	
AROMATIC PETROLEUM DISTILLATES	64742-95-6			
XYLENES		TWA(ACGIH): STEL(ACGIH): BEI(ACGIH): REL-TWA(NIOSH) REL-STEL(NIOSH) PEL-TWA(OSHA): PEL-STEL(OSHA):	100ppm 150ppm melthilhipuric acid in urine: 1,5 g/g creatinine. 100ppm 150ppm 100ppm 150ppm	
CUMENE		TWA(ACGIH): REL-TWA(NIOSH) PEL-TWA(OSHA):	50ppm 50ppm [skin] 50ppm [skin]	
TRIMETHYLBENZENE (all isomers)		TWA(ACGIH): REL-TWA(NIOSH) PEL-TWA(OSHA):	25ppm 25ppm 25ppm	
NAPHTHA		REL-TWA(NIOSH) PEL-TWA(OSHA):	350 mg/m ³ 2000 mg/m ³	

Section IX - Physical and Chemical Properties

Form :	Liquid
Color :	Clear
Odor :	Aromatic Solvent
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 :	Negligible
Specific Gravity :	0.93
% Volatile Weight :	73.2 %

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Section X - Reactivity / Estability

Substances to avoid :	Oxidizing agents.Strong acids.Strong bases.
Stability :	Stable under normal conditions. Avoid welding arcs, flames or other high temperature sources.
Hazardous polymerization :	Will not occur.

Section XI - Toxicological Information

Acetone	67-64-1
Rat: LD50 - Route: Inhalation; Dose: 76 mg / L / 4H	
LD50 - Route: Oral; Dose: 1800 mg / kg	
Rabbit: LD50 - Route: Dermal; Dose: 20000mg / kg	
Acute oral toxicity (LD-50 oral)	9,800 mg/kg (Rat) 3,000 mg/kg (Mouse) 5,340 mg/kg (Rabbit) 5.2 g/kg (Mouse) 5,800 mg/kg (Rat)
Acute inhalation toxicity (LC-50)	50.1 mg/l for 8 h (Rat) 76 mg/l for 4 h (Rat)
Acute dermal toxicity (LD-50 dermal)	20,000 mg/kg (Rabbit) 20 mg/kg (Rabbit)

Aromatic Petroleum Distillates	(64742-95-6)
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Acute toxicity	:	Not classified
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Solvent naphtha (petroleum), light aromatic

LD50 oral rat	>14000 mg / kg (Sprague-Dawley)
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LD50 dermal rabbit	>2000 mg / kg
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LC50 inhalation rat (mg/l) - 4h

Section XII - Ecological Information

Acetone	67-64-1	
Test & Species		Conditions
96 Hr LC50 rainbow trout	5540 mg/L	static
96 Hr LC50 fathead minnow	6210 mg/L	flow-through
96 Hr LC50 bluegill	8300 mg/L	static
48 Hr LC50 water flea	0.0039 mg/L	
48 Hr EC50 water flea	12700 mg/L	Static

AROMATIC PETROLEUM DISTILLATES	(64742-95-6)
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Solvent naphtha (petroleum), light aromatic

LD50 fishes	9.2 mg / L (Oncorhynchus mykiss, 96h)
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LD50 Daphnia	1.6 % Soluble fraction (D. magna)
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Section XIII - Disposal Considerations

RCRA Class : D001: Reportable Quantity = 100 lbs. (Characteristic of ignitability)
This classification applies only to the material as it was originally produced.
Disposal Method : Subject to hazardous waste treatment, storage, and disposal requirements under RCRA. Recycle or incinerate waste at EPA approved facility or dispose of in compliance with federal, state and local regulations.

Section XIV - Transportation / Shipping Data

CFR / DOT: Not Regulated
TDG: Not Regulated
IMDG: UN1866, RESIN SOLUTION, 3, PG III
Further Information: The above shipping description may not be accurate for all container sizes and all modes of transportation. Please refer to Bill of Lading.

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. State Regulations:

SARA 311/312 Hazards : Acute Health Hazard Fire Hazard
OSHA Hazardous Components : Acetone CAS: 67-64-1

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

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

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.

Prepared by: Rich Mikol

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

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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.

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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 Ultra Seal