

SAFETY DATA SHEET



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FLAMMABILITY	2
PHYSICAL HAZARD	0
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Section I - Product Identification

Date: 2016

Product Name:	QC Seal Strip
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:	Combustible liquid NOS, NA 1993, III (Ethyl-3-ethoxypropionate, Propylene glycol tert-butyl ether)
Appearance & Odor:	Light amber, citrus scent
Emergency Telephone Number:	CHEMTREC (800) 424-9300
Telephone Number for Information:	956 622 7677
Product Use:	

Section II - Hazards Identification

Hazard Symbol:



HEALTH

Acute Toxicity (Inhalation):	Category 4
Skin Corrosion/Irritation:	Category 2
Serious Eye Damage/Eye Irritation:	Category 2
Reproductive Toxicity:	Category 1B
Specific target organ toxicity, single exposure:	Category 3 (Respiratory System, CNS)

ENVIRONMENTAL

Acute Toxicity:	None Known
Chronic Toxicity:	None Known

PHYSICAL

Flammable Liquid: Category 4

Hazard Statements

- Combustible Liquid
- Harmful if inhaled
- Causes skin and eye irritation
- May damage fertility or the unborn child
- May cause respiratory irritation
- May cause drowsiness or dizziness

Precautionary Statements

- Wear respiratory protection/protective gloves/protective clothing/eye protection/face protection.
- Do not breathe mists, vapors or spray.
- IF IN EYES: Rinse with water for several minutes. Remove contact lenses, if present and easy to do. If irritation occurs and persists, get medical attention.
- IF ON SKIN: Remove immediately all contaminated clothing. Rinse skin with water for several minutes. Wash contaminated clothing before reuse. If irritation occurs and persists, get medical attention.
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention immediately.
- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a Poison Center or Physician.

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Section III - Product Composition

Composition	CAS Number	Weight
DIMETHYL GLUTARATE	1119-40-0	35-40%
DIMETHYL ADIPATE	627-93-0	10-15%
1-METHYL-2-PYRROLIDONE	872-50-4	15-25%
ETHYL-3-ETHOXYPROPIONATE	763-69-9	15-25%
LIMONENE	5989-27-5	5-15%
NONYLPHENOL POLYETHYLENE GLYCOL ETHER	127087-87-0	1-5%

Section IV - First Aid Measures

Eye Contact: Rinse with water for 15 minutes. Remove contact lenses, if present and easy to do. If irritation occurs and persists, get medical attention.

Skin Contact: Remove immediately all contaminated clothing. Rinse skin with water for several minutes. Wash contaminated clothing before reuse. If irritation occurs and persists, get medical attention.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician if you feel unwell.

Ingestion: Rinse mouth. Do NOT induce vomiting. Immediately call a Poison Center or Physician.

Section V - Fire Fighting Measure

Fire Extinguishing media: Use water spray, dry chemical, carbon dioxide or regular foam.
Hazards during fire-fighting: Containers may rupture when exposed to extreme heat. Avoid contact with product.
Protective equipment for fire-fighting: Wear NFPA-approved self-contained breathing apparatus, helmet, hood, boots and gloves.

Section VI - Accidental Release Measures

Personal precautions:

Use recommended personal protective clothing and equipment.

Environmental precautions:

Follow all Federal, State and Local regulations when storing and disposing of substances. Do not allow material to run off of work area, and material should be collected and disposed of in accordance with regulations. Keep product from entering storm drains. Consult local and federal guidelines for proper disposal of these materials.

General: Eliminate all ignition sources in the immediate area. Use clean non-sparking tools for spill cleanup. - For small amounts of released material: Absorb or cover with inert absorbent, sand or dry earth. Transfer to a metal or HDPE container for disposal. - For large amounts of released material: Dike around spilled material with absorbent to contain. Absorb or cover with inert absorbent, sand or dry earth. Transfer to a metal or HDPE container for disposal.

Section VII - Handling and Storage

Handling:

General advice - No specific measures are necessary provided product and recommended protective clothing/equipment are used correctly. Do not generate and breathe mists, vapors or fine spray. Do not mix with other chemicals. This is a commercial product, not intended for home use. Keep out of reach of children.

Storage:

General advice - Protect against physical damage. Store in a cool, well ventilated area.

Shelf Life:

12 months minimum

Section VIII - Exposure Controls / Personal Protection

Personal Protective Equipment



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Section VIII - Exposure Controls / Personal Protection

Advice on system design:

Provide local exhaust ventilation to control vapors for published exposure limits.

Personal protective equipment (HMIS rating 'I'):

Eye protection: Wear safety glasses with side shields or safety goggles to prevent exposure or full face shield if splash hazard exists.

Skin protection: Chemical-resistant gloves. Wear appropriate protective clothing to prevent possible skin contact.

Respiratory protection: Use proper NIOSH-OSHA respirator fitted with proper cartridges if ventilation is inadequate or exposure limits are exceeded. Do not generate or breathe mists, vapors or spray.

General safety and hygiene measures: Exercise stringent hygiene practices to minimize exposure. If contact occurs, wash any body part with soap and water immediately. Wash hands after use, and before eating, drinking or smoking.

Other protective measures:

Nearby running water on the job site is necessary, should an accident occur.

Exposure Guidelines:

ACGIH TLV: 50 ppm (763-69-9), 100 ppm (872-50-4)

STEL: Not Established

OSHA PEL: 50 ppm (763-69-9)

Section IX - Physical and Chemical Properties

Appearance:	Light Amber Liquid	Flash Point:	165° F C.O.C.
Odor:	Citrus	Upper/Lower Flammability Limits:	No information available
pH value:	N/A	Relative Density(water):	1.00
Specific gravity:	1.00 (H2O = 1)	Auto-Ignition Temperature:	No information available
Solidification temperature:	No information available	Decomposition temperature:	No information available
Freezing/Melting point:	N/A	Partition Coefficient	No information available
Boiling point:	N/A	Odor Threshold	No information available
Vapor density:	No information available	Viscosity:	< 10 cps.
Vapor pressure:	No information available	Partition Coefficient	No information available
Evaporation Rate:	No information available	Solubility in water:	Miscible
Regulatory VOC:	<50% by weight		

Section X - Reactivity / Stability

Conditions to avoid: Excessive heat or flame.

Substances to avoid: Acids, alkalies, oxidizers, water

Hazardous reactions: Product is stable under normal conditions of use and storage.

Decomposition or By-products: In fire conditions: carbon monoxide (CO), carbon dioxide (CO₂), nitric oxides (NO_x)

Section XI - Toxicological Information

Acute Toxicity (Symptoms):

Oral: Ingestion may cause pain, nausea, vomiting, and diarrhea.

Eye irritation: Irritation, redness, tearing and swelling. May cause temporary corneal injury.

Skin irritation: irritation, redness, itching and swelling.

Inhalation: Inhalation of vapors may cause irritation to the respiratory tract.

Sensitization: Skin: N/A. Respiratory: N/A

Numerical Measures of Toxicity:

Calculated Acute Toxicity Estimates (ATE) based on available information.

ATEmix (inhalation): 12.0 mg/l

Reproductive Toxicity: This product contains 1-Methyl-2-Pyrrolidone which is a presumed human reproductive toxicant. Its use could potentially affect fertility or the development of unborn children.

Target Organ Effects - Single Exposure: (Respiratory System): May cause respiratory irritation. (CNS): Overexposure may cause drowsiness or dizziness.

Carcinogenicity - No carcinogenic substances as defined by ACGIH, IARC, NTP and/or OSHA.

Section XII - Ecological Information

Biodegradation:

Test method: Unspecified

Analysis method: Unspecified

Degree of elimination: Expected to readily biodegrade.

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Section XII - Ecological Information

Environmental toxicity:
Acute and prolonged toxicity to fish: Not available
Toxicity to microorganisms: Not available
Other ecotoxicological information: Not available

Section XIII - Disposal Considerations

Waste disposal of substance: Dispose of in accordance with all Federal, State and Local regulations when storing and disposing of substances. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA (EPA regulations for hazardous waste).
Container disposal: Dispose of in a licensed facility in accordance with local regulations.
RCRA: Unspecified.

Section XIV - Transportation / Shipping Data

DOT:
UN/NA ID No: NA1993
Proper Shipping Name: COMBUSTIBLE LIQUID, N.O.S. (CONTAINS ETHYL -3-ETHOXYPROPIONATE, TERPENE HYDROCARBONS)
Hazard Class: 3
Packing Group: III

Section XV - Regulatory Information

Federal Regulations:

Registration status:

TSCA, US:	All components are listed or exempt.
SARA hazard category (EPCRA 311/312):	Acute health hazard
Chronic health hazard	

SARA TITLE III, SECTION 313:
CAS Number: Chemical Name:
822-06-0 1-Methyl-2-Pyrrolidone

State Regulations:

Chemicals known to the State of California to cause birth defects or other reproductive harm.	
CAS Number:	Chemical Name:
822-06-0	1-Methyl-2-Pyrrolidone

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Section XVI - Other Information

HMIS Rating :	HEALT	2	0 = Minimum
	FLAMMABILITY	2	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.

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

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 Seal Strip