

MATERIAL SAFETY DATA SHEET

Section I - Product Identification

Date: Jun 8, 2015

Product Name:	QC Surpro SB Parts A
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

Emergency Overview

Clear. Liquid. May cause drowsiness, weakness, and fatigue. Vapor and/or mist may irritate nose and throat. May cause moderate irritation to the respiratory system. May cause allergic respiratory sensitization. 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 drowsiness, weakness, and fatigue. Vapor and/or mist may irritate nose and throat. May cause moderate irritation to the respiratory system. May cause allergic respiratory sensitization.
Eyes :	Vapor and/or mist may cause eye irritation.
Ingestion :	May cause irritation to the mouth, throat and stomach. May cause gastrointestinal irritation, nausea, and vomiting.
Skin :	May cause sensitization resulting in irritation, itching and redness.

Aggravated Medical Conditions

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

Chronic Health Effects

Overexposure may cause dermatitis, asthma, skin and respiratory sensitization and decreased lung function. Repeated overexposure to vapors and/or material may injure the liver, kidneys and respiratory system unless suitable engineering controls and/or personal protective equipment are used. 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. The International Agency for Research on Cancer (IARC) has evaluated ethylbenzene and classified it as a possible human carcinogen (Group 2B) based on sufficient evidence for carcinogenicity in experimental animals, but inadequate evidence for cancer in exposed humans. Fillers are encapsulated and not expected to be released from product under normal conditions of use. Target Organs: Eye, Lung, Liver, Kidney, Skin, Nerve

Section III - Product Composition

Composition	CAS Number	Weight %
Saturated Polyester Polyol	NJ TSRN# 51721300-5622P	15.0 - 40.0
Methyl n-amyl ketone	110-43-0	15.0 - 40.0
1-Methoxy-2-propanol acetate	108-65-6	15.0 - 40.0
Ethyl 3-ethoxypropionate	763-69-9	15.0 - 40.0
Ethylbenzene	100-41-4	- <1.0

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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 : 100 °F, 38 °C
- Method : Setaflash Closed Cup
- Lower explosion limit : Not available.
- Upper explosion limit : Not available.
- Autoignition temperature: Not available.
- Extinguishing media : If water fog is ineffective, use carbon dioxide, dry chemical or foam.
- Hazardous combustion products: Carbon monoxide and carbon dioxide can form. Smoke, fumes. Hydrocyanic acid and nitrogen oxides can form.
- Protective equipment for firefighters: Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).
- Fire and explosion conditions : Product may ignite if heated in excess of its flash point. Closed container, may burst when exposed to extreme heat. Empty containers may contain ignitable vapors. Vapors may travel to sources of ignition and flashback.

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. Change soiled work clothes frequently. Clean hands thoroughly after handling. Do not smoke, weld, generate sparks, or use flame near container. To prevent generation of static discharges, use bonding/grounding connection when pouring liquid. Extinguish all ignition sources including pilot lights, non-explosion proof motors and electrical equipment until vapors dissipate. Store under dry warehouse conditions away from heat and all ignition sources.

Section VIII - Exposure Controls / Personal Protection

- Respiratory protection : Wear appropriate, properly fitted NIOSH/MSHA approved respirator when airborne contaminant level(s) are expected to exceed exposure limits indicated on the MSDS. Select positive pressure supplied air respirator (TC19C or equivalent) for isocyanates.
- 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

Skin and body protection :	Prevent contact with shoes and clothing.
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:
Methyl n-amyl ketone	110-43-0	ACGIH TWA: OSHA PEL:	50 ppm 465 mg/m3	
Ethylbenzene	100-41-4	ACGIH TWA: ACGIH STEL: OSHA PEL:	100 ppm 125 ppm 435 mg/m3	

Section IX - Physical and Chemical Properties

Form :	Liquid
Color :	Clear
Odor :	Fruity ester
pH :	Not available.
Vapour pressure :	Not available.
Vapor density :	Heavier than air
Melting point/range :	Not available.
Freezing point :	Not available.
Boiling point/range :	279-329°F, 137-165°C
Water solubility :	Negligible
Specific Gravity (H2O=1)	1.2
% Volatile Weight :	25.9 %

Section X - Reactivity / Estability

Substances to avoid	Strong acids. Strong bases. Amines. Water or moisture. Alcohols.
Stability	Material is stable under normal storage, handling, and use.
Hazardous polymerization	Will not occur under normal conditions.

Section XI - Toxicological Information

Methyl n-amyl ketone, CAS-No.:	110-43-0	
Acute oral toxicity (LD-50 oral)		1,670 mg/kg (Rat) 1,670 mg/kg (Rat) 730 mg/kg (Mouse)
Acute inhalation toxicity (LC-50)		4,000 mg/l (Rat) 4,000 mg/l for 4 h (Rat)
Acute dermal toxicity (LD-50 dermal)		13,000 mg/kg (Rabbit) 13,000 mg/kg (Rabbit)
Ethylbenzene, CAS-No.:	100-41-4	
Acute oral toxicity (LD-50 oral)		5,460 mg/kg (Rat) 3,500 mg/kg (Rat)
Acute dermal toxicity (LD-50 dermal)		17,800 mg/kg (Rabbit)

Section XII - Ecological Information

No Data Available

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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

TDG / DOT Shipping Description:

UN1993, FLAMMABLE LIQUID, N.O.S. (Xylene, Butyl Acetate), 3, PG III

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	Ethylbenzene 100-41-4
SARA 311/312 Hazards	Acute Health Hazard Fire Hazard
OSHA Hazardous Components :	110-43-0
Methyl n-amyl ketone	100-41-4
Ethylbenzene	
OSHA Status: Considered hazardous based on the following criteria:	Irritant
OSHA Flammability	IC

When appropriately mixed with the other part, product has a VOC less water and exempt solvent of:

253 g/l

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Section XV - Regulatory Information

U.S. State Regulations:

MASS RTK Components :

Methyl n-amyl ketone	110-43-0
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Penn RTK Components :

Saturated Polyester Polyol	NJ TSRN# 51721300-5622P
Methyl n-amyl ketone	110-43-0
1-Methoxy-2-propanol acetate	108-65-6
Ethyl 3-ethoxypropionate	763-69-9

NJ RTK Components :

Saturated Polyester Polyol	NJ TSRN# 51721300-5622P
Methyl n-amyl ketone	110-43-0
1-Methoxy-2-propanol acetate	108-65-6
Ethyl 3-ethoxypropionate	763-69-9

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	1	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

Before using this product :

Completely read the QC Tech-Data Bulletin	10.05M
Antiquing Release and the product label.	

QC Surpro SB Parts A