

Liquid Butyl Rubber coating (Available in White, Black, Beige, Grey) custom colors are available for orders over 25 gallons

SAFETY DATA SHEET

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Product name :

Liquid Butyl Rubber coating (Available in White, Black, Beige, Grey) custom colors are available for orders over 25 gallons

Product form :

1.2.

# Relevant identified uses of the substance or mixture and uses advised against

Mixture

### 1.3. Details of the supplier of the safety data sheet

EPDM COATINGS 494 Bridgeport Ave Suite 101-342 Shelton CT 06484 Phone : 855-281-0940

### 1.4. Emergency telephone number

Emergency number: 800-535-5053 (Infotrac)

### SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

### **GHS-US classification**

Flam. Liq. 3 H226 Eye Irrit. 2A H319 Skin Sens. 1 H317 Carc. 1A H350 STOT SE 3 H336 STOT RE 1 H372 Asp. Tox. 1 H304

# 2.2. Label elements GHS-US labelling

Hazard pictograms (GHS-US)

Signal word (GHS-US) Hazard statements (GHS-US)



- Danger
- : H226 Flammable liquid and vapour
  - H304 May be fatal if swallo wed and enters airways
  - H317 May cause an allergic skin reaction
  - H319 Causes serious eye irritation
  - H336 May cause drowsiness or dizziness
  - H350 May cause cancer
  - H372 Causes damage to organs through prolonged or repeated exposur





Precautionary statements (GHS-US)

- : P201 Obtain special instructions before use
  - P202 Do not handle until all safety precautions have been read and understood
  - P210 Keep away from heat, hot surfaces, open flames, sparks. No smoking
  - P240 Ground/bond container and receiving equipment
  - P241 Use explosion-proof electrical, lighting, ventilating equipment
  - P242 Use only non-sparking tools
  - P243 Take precautionary measures against static discharge
  - P260+P261 Do not breathe mist, spray, vapours
  - P264 Wash clothing, hands, forearms and face thoroughly after handling
  - P270 Do not eat, drink or smoke when using this product
  - P271 Use only outdoors or in a well-ventilated area
  - P272 Contaminated work clothing must not be allowed out of the workplace
  - P280 Wear eye protection, face protection, protective gloves, protective clothing
  - P301+P310 IF SWALLOWED: Immediately call a poison center

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

- P308+P313 If exposed or concerned: Get medical advice/attention
- P312+P314 Get medical advice/attention if you feel unwell
- P321 Specific treatment (see first aid instructions on this label)

P331 - Do NOT induce vomiting

P333+P337+P313 - If skin or eye irritation or rash occurs: Get medical advice/attention P362+P364 - Take off contaminated clothing and wash it before reuse

P370+P378 - In case of fire: Use carbon dioxide (CO2), dry sand, foam to extinguish

P403+P233+P235 - Store in a well-ventilated place. Keep container tightly closed. Keep cool. P405 - Store locked up

P501 - Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste

#### 2.3. Other hazards

Other hazards not contributing to the classification.

: None under normal conditions

2.4. Unknown acute toxicity (GHS US)

No data available

### **SECTION 3: Composition/information on ingredients**

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

Name	Product identifier	%
Petroleum distillates, hydrotreated light	(CAS No) 64742-47-8	15 - 40
Solvent naphtha, petroleum, light aromatic	(CAS No) 64742-95-6	10 - 30
Benzene, 1,2,4-trimethyl-	(CAS No) 95-63-6	3 - 7
Nonane	(CAS No) 111-84-2	1 - 5
Silica: Crystalline, quartz	(CAS No) 14808-60-7	1 - 5
Ceramic materials and wares, chemicals	(CAS No) 66402-68-4	1 - 5
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	(CAS No) 41556-26-7	0.1 - 1
Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidinyl ester	(CAS No) 82919-37-7	0.1 - 1

### **SECTION 4: First aid measures**

### 4.1. Description of first aid measures

First-aid measures general	: IF exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.
First-aid measures after inhalation	: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention. If breathing is difficult, supply oxygen. If breathing has stopped, give artificial respiration.
First-aid measures after skin contact	: IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. Get medical attention immediately.
First-aid measures after eye contact	: IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. Get medical attention immediately. Continue rinsing.
First-aid measures after ingestion	: IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention immediately.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation	: May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.
Symptoms/injuries after skin contact	: May cause an allergic skin reaction.
Symptoms/injuries after eye contact	: Causes serious eye irritation.
Symptoms/injuries after ingestion	: May cause gastrointestinal irritation.
Chronic symptoms	: :May cause cancer. Causes damage to organs through prolonged or repeated exposure.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

### 5.1. Extinguishing media

e.r. Exangulating means	
Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.
5.2. Special hazards arising from	m the substance or mixture
Fire hazard	: This product is flammable.
Explosion hazard	: May create vapor/air explosion hazard in confined spaces.
Reactivity	: Flammable liquid and vapour.
5.3. Advice for firefighters	
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting
	any chemical fire. Do not dispose of fire-fighting water in the environment. Vapours are
	heavier than air and may travel considerable distance to an ignition source and flash

Protection during firefighting

: Do not enter fire area without proper protective equipment, including respiratory protection.

### **SECTION 6: Accidental release measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures

: Remove ignition sources. Keep upwind.

back to source of vapours.

#### 6.1.1. For non-emergency personnel

Protective equipment Emergency procedures : Wear Protective equipment as described in Section 8.

: Evacuate unnecessary personnel.

### 6.1.2. For emergency responders

Protective equipment

: Wear suitable protective clothing, gloves and eye or face protection. Approved supplied-air respirator, in case of emergency.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

For containment

Methods for cleaning up

: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

### 6.4. Reference to other sections

No additional information available

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling

: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not handle until all safety precautions have been read and understood. Handle in accordance with good industrial hygiene and safety procedures. Keep container closed when not in use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

: Store in dry, well-ventilated area. Keep container closed when not in use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Remark (ACGIH)	OELs not established
Remark (OSHA)	OELs not established
Nonane (111-84-2)	
ACGIH TWA (ppm)	200
Remark (ACGIH)	Threshold Limit Values (TLV Basis) Critical Effects - CNS Impairment
OSHA PEL (TWA) (mg/m <sup>3</sup> )	1050 mg/m <sup>3</sup>
OSHA PEL (TWA) (ppm)	200 ppm
Solvent naphtha, petroleum, light aroma	atic (64742-95-6)
Remark (ACGIH)	OELs not established
Remark (OSHA)	OELs not established
Silica: Crystalline, quartz (14808-60-7)	
ACGIH TWA (mg/m <sup>3</sup> )	0.025 mg/m <sup>3</sup> (respirable fraction)
OSHA PEL (TWA) (mg/m <sup>3</sup> )	(30)/(%SiO2 + 2) total dust; (10)/(%SiO2 + 2) respirable fraction
OSHA PEL (TWA) (ppm)	(250)/(%SiO2 + 5) respirable fraction
Ceramic materials and wares, chemicals	s (66402-68-4)
Remark (ACGIH)	OELs not established
Remark (OSHA)	OELs not established

Benzene, 1,2,4-trimethyl- (95-63-6)		
Remark (ACGIH)	OELs not established	
Remark (OSHA)	OELs not established	
Bis(1,2,2,6,6-pentamethyl-4-piperid	yl) sebacate (41556-26-7)	
Remark (ACGIH)	OELs not established	
Remark (OSHA)	OELs not established	
Decanedioic acid, methyl 1,2,2,6,6-	pentamethyl-4-piperidinyl ester (82919-37-7)	
Remark (ACGIH)	OELs not established	
Remark (OSHA)	OELs not established	

#### 8.2. Exposure controls

Appropriate engineering controls Personal protective equipment	<ul> <li>Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.</li> <li>Gloves. Protective goggles. Wear chemically impervious apron over labcoat and full coverage clothing. Insufficient ventilation: wear respiratory protection.</li> </ul>
Hand protection	: Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl. Suitable gloves for this specific application can be recommended by the glove supplier. Change contaminated gloves immediately.
Eye protection	: Wear eye protection, including chemical splash goggles and a face shield when possibility exists for eye contact due to spraying liquid or airborne particles.
Skin and body protection Respiratory protection	<ul> <li>Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.</li> <li>Wear a NIOSH-approved (or equivalent) full-facepiece airline respirator in the positive pressure mode with emergency escape provisions. In case of inadequate ventilation or risk of inhalation of vapors, use suitable respiratory equipment with gas filter (type A2). Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection.</li> </ul>

### **SECTION 9: Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

Physical state Color Odor Odor Threshold pH Relative evaporation rate (butylacetate=1) Melting point Freezing point Boiling point Flash point Auto-ignition temperature Decomposition temperature Flammability (solid, gas) Vapour pressure Relative vapour density at 20 °C

: Liquid : No data available. : Slight hydrocarbon odor. : No data available : 154.4 - 178.3 °C (310-353 °F) : 38.3 - 39.4 °C (101-103°F) : 230 °C (450°F) : No data available : No data available : No data available : 2 mm Hg at 20°C (68°F) : Heavier than air



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: Water: Negligible

: No data available

: 1 - 8.9 vol %

Relative density Solubility Log Pow Log Kow Viscosity, kinematic Viscosity, dynamic Explosive properties Oxidising properties Explosive limits

### 9.2. Other information

VOC content

: 465 g/l

: 1.02

### **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

Flammable liquid and vapour.

### 10.2. Chemical stability

No data available.

#### 10.3. Possibility of hazardous reactions

No data available.

#### 10.4. Conditions to avoid

No flames, no sparks. Eliminate all sources of ignition. Heat. Prevent vapor accumulation.

#### 10.5. Incompatible materials

Strong acids. Strong alkalis. Oxidizing agents.

#### 10.6. Hazardous decomposition products

No data available.

### **SECTION 11: Toxicological information**

### 11.1. Information on toxicological effects

Acute toxicity

: Not classified

Petroleum distillates, hydrotreated I	ght (64742-47-8)	
LD50 oral rat	> 5000 mg/kg	
LD50 dermal rabbit	> 2000 mg/kg	
LC50 inhalation rat (mg/l)	> 5.2 mg/l/4h	
Nonane (111-84-2)		
LC50 inhalation rat (ppm)	3200 ppm/4h	
Solvent naphtha, petroleum, light ar	omatic (64742-95-6)	
LD50 dermal rabbit	> 2000 mg/kg	
LC50 inhalation rat (ppm)	3400 ppm/4h	
Titanium dioxide (13463-67-7)		
LD50 oral rat	> 10000 mg/kg	
Benzene, 1,2,4-trimethyl- (95-63-6)		
LD50 oral rat	3280 mg/kg	
LD50 dermal rabbit	> 3160 mg/kg	
ATE CLP (gases)	4500.000 ppmv/4h	
ATE CLP (vapours)	11.000 mg/l/4h	
ATE CLP (dust,mist)	1.500 mg/l/4h	
Bis(1,2,2,6,6-pentamethyl-4-piperidy	) sebacate (41556-26-7)	
LD50 oral rat	2615 mg/kg	



LIQUID BUTYL RUBBER | SAFETY DATA SHEET : Not classified Skin corrosion/irritation Serious eye damage/irritation Causes serious eye irritation. Respiratory or skin sensitisation : May cause an allergic skin reaction. Germ cell mutagenicity : May cause genetic defects. Carcinogenicity : May cause cancer. Cumene (98-82-8) IARC group 2B - Possibly carcinogenic to humans Silica: Crystalline, quartz (14808-60-7) IARC group 1 - Carcinogenic to humans Titanium dioxide (13463-67-7) IARC group 2B - Possibly carcinogenic to humans Carbon black (1333-86-4) IARC group 2B - Possibly carcinogenic to humans Reproductive toxicity : Not classified Specific target organ toxicity (single exposure) : May cause drowsiness or dizziness. Specific target organ toxicity (repeated exposure) : Causes damage to organs through prolonged or repeated exposure. Aspiration hazard : May be fatal if swallowed and enters airways. Symptoms/injuries after inhalation : May cause drowsiness or dizziness. May be fatal if swallowed and enters airways. Symptoms/injuries after skin contact : May cause an allergic skin reaction. Symptoms/injuries after eye contact : Causes serious eye irritation. Symptoms/injuries after ingestion : May cause gastrointestinal irritation. Chronic symptoms : May cause cancer. Causes damage to organs through prolonged or repeated exposure.

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### **SECTION 12: Ecological information**

### 12.1. Toxicity

Ecology - general

: Aquatic toxicity rating not determined. All possible measures should be taken to prevent release into the environment.

### 12.2. Persistence and degradability

Liquid Butyl Rubber		
Persistence and degradability	Not established.	
12.3. Bioaccumulative potential		
No additional information available		
12.4. Mobility in soil		
No additional information available		
12.5. Other adverse effects		
No additional information available		
SECTION 13: Disposal cor	siderations	
13.1. Waste treatment methods		
Waste treatment methods	: Do not discharge to public wastewater systems without p	permit of pollution control author

Waste disposal recommendations

: Do not discharge to public wastewater systems without permit of pollution control authorities. No discharge to surface waters is allowed without an NPDES permit. : Dispose in a safe manner in accordance with local/national regulations

### **SECTION 14: Transport information**

Department of Transportation (DOT) Hazard Classes

#### In accordance with DOT

Hazard labels (DOT)

Transport document description

UN-No.(DOT) DOT NA no. Proper Shipping Name (DOT) : UN1263 Paint (including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler, and liquid lacquer base), 3, III

- : 1263
- : UN1263
- : Paint

including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler, and liquid lacquer base

: 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120

: 3 - Flammable liquid





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LIQUID BU	JTYL RUBBER   SAFETY DATA SHEET
Packing group (DOT)	: III - Minor Danger
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	:5L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	:60 L
DOT Vessel Stowage Location	: B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.
Additional information	
Other information <b>Transport by sea</b> No additional information available <b>Air transport</b> No additional information available	: No supplementary information available.

# **SECTION 15: Regulatory information**

# 15.1. US Federal regulations

All chemical substances in this product are lis or are exempt	sted in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard Fire hazard

	CAS #:	7440-50-8 (Copper)		
Section 302 (EHS) TPQ			b	
Section 304 EHS RQ			b	
CERCLA RQ		5000	b	
Section 313		Listed on SARA section 13		

	CAS #:	108-88-3 (Toluene)		
Section 302 (EHS) TPQ			lb	
Section 304 EHS RQ			lb	
CERCLA RQ		1000	lb	
Section 313		Listed on SARA section 13		

	CAS #:	123-86-4 (n-Butyl acetate)	
Section 302 (EHS) TPQ			lb
Section 304 EHS RQ			lb
CERCLA RQ		5000	lb
Section 313		Not Listed	

	CAS #:	50-00-0 (Formaldehyde)		
Section 302 (EHS) TPQ		500	lb	D
Section 304 EHS RQ	10 <u></u>	100	lb	b
CERCLA RQ		100	lb	b
Section 313		Listed on SARA section 13		

	CAS #:	7439-92-1 (Lead)	
Section 302 (EHS) TPQ			lb
Section 304 EHS RQ			lb
CERCLA RQ		10	lb
Section 313		Listed on SARA section 13	

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	CAS #:	7440-02-0 (Nickel)	
Section 302 (EHS) TPQ			lb
Section 304 EHS RQ			lb
CERCLA RQ		100	lb
Section 313		Listed on SARA section 13	

	CAS #:	7439-97-6 (Mercury)		
Section 302 (EHS) TPQ			I	b
Section 304 EHS RQ			3	b
CERCLA RQ		1	I	b
Section 313		Listed on SARA section 13		

	CAS #:	7440-43-9 (Cadmium)		
Section 302 (EHS) TPQ			lb	
Section 304 EHS RQ			lb	
CERCLA RQ		10	lb	
Section 313		Listed on SARA section 13		

	CAS #:	7440-38-2 (Arsenic)		
Section 302 (EHS) TPQ			lb	
Section 304 EHS RQ			lb	
CERCLA RQ		1.	lb	
Section 313		Listed on SARA section 13		

	CAS #:	71-43-2 (Benzene)	
Section 302 (EHS) TPQ			lb
Section 304 EHS RQ			lb
CERCLA RQ		10	lb
Section 313		Listed on SARA section 13	

	CAS #:	1330-20-7 (Xylenes)	
Section 302 (EHS) TPQ			lb
Section 304 EHS RQ			lb
CERCLA RQ		100	lb
Section 313		Listed on SARA section 13	

	CAS #:	98-82-8 (Cumene)	
Section 302 (EHS) TPQ			lb
Section 304 EHS RQ			lb
CERCLA RQ		5000	lb
Section 313		Listed on SARA section 13	

	CAS #:	95-63-6 (Benzene, 1,2,4-trimethyl-)
Section 302 (EHS) TPQ		lb
Section 304 EHS RQ		lb
CERCLA RQ		lb
Section 313		Listed on SARA section 13

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### LIQUID BUTYL RUBBER | SAFETY DATA SHEET

	CAS #:	78-83-1 (Isobutyl Alcohol)		
Section 302 (EHS) TPQ			lb	
Section 304 EHS RQ			lb	
CERCLA RQ		5000	lb	
Section 313		Not Listed		

	CAS #:	1344-28-1 (Aluminum Oxide)
Section 302 (EHS) TPQ		lb
Section 304 EHS RQ		lb
CERCLA RQ		lb
Section 313		Listed on SARA section 13

	CAS #:	148-79-8 (Thiobendazole)
Section 302 (EHS) TPQ		lb
Section 304 EHS RQ		lb
CERCLA RQ		lb
Section 313		Listed on SARA section 13

### 15.2. International regulations

No additional information available

# **15.3. US State regulations** California Proposition 65

WARNING! This product contains chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.

Cumene (98-82-8)	LLO Oslifamia	LLC California	U.O. Oalifamia	Management and a state for the
U.S California -	U.S California - Proposition 65 -	U.S California -	U.S California - Proposition 65 -	No significance risk leve
Proposition 65 -		Proposition 65 -		(NSRL)
Carcinogens List	Developmental Toxicity	Reproductive Toxicity -	Reproductive Toxicity -	
		Female	Male	
Yes	No	No	No	
Silica: Crystalline, qua	rtz (14808-60-7)	0.5		Me.
U.S California -	U.S California -	U.S California -	U.S California -	No significance risk leve
Proposition 65 -	Proposition 65 -	Proposition 65 -	Proposition 65 -	(NSRL)
Carcinogens List	Developmental Toxicity	Reproductive Toxicity -	Reproductive Toxicity -	2532 78
		Female	Male	
Yes	No	No	No	
Nickel oxide (1313-99-	1)			
U.S California -	U.S California -	U.S California -	U.S California -	No significance risk leve
Proposition 65 -	Proposition 65 -	Proposition 65 -	Proposition 65 -	(NSRL)
Carcinogens List	Developmental Toxicity	Reproductive Toxicity -	Reproductive Toxicity -	0.20 10
		Female	Male	
Yes	No	No	No	
Titanium dioxide (1346	3-67-7)			
U.S California -	U.S California -	U.S California -	U.S California -	No significance risk leve
Proposition 65 -	Proposition 65 -	Proposition 65 -	Proposition 65 -	(NSRL)
Carcinogens List	Developmental Toxicity	Reproductive Toxicity -	Reproductive Toxicity -	20 00
		Female	Male	
Yes	No	No	No	
Carbon black (1333-86	-4)			77
U.S California -	U.S California -	U.S California -	U.S California -	No significance risk leve
Proposition 65 -	Proposition 65 -	Proposition 65 -	Proposition 65 -	(NSRL)
Carcinogens List	Developmental Toxicity	Reproductive Toxicity -	Reproductive Toxicity -	10.5.2.846.00.005
		Female	Male	
Yes	No	No	No	
Toluene (108-88-3)				
U.S California -	U.S California -	U.S California -	U.S California -	No significance risk leve
Proposition 65 -	Proposition 65 -	Proposition 65 -	Proposition 65 -	(NSRL)
Carcinogens List	Developmental Toxicity	Reproductive Toxicity -	Reproductive Toxicity -	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.
		Female	Male	
No	Yes	No	No	
Formaldehyde (50-00-0	))			
U.S California -	U.S California -	U.S California -	U.S California -	No significance risk leve
Proposition 65 -	Proposition 65 -	Proposition 65 -	Proposition 65 -	(NSRL)
Carcinogens List	Developmental Toxicity	Reproductive Toxicity -	Reproductive Toxicity -	1
2010년 1월 2017년 1월 20		Female	Male	1

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### LIQUID BUTYL RUBBER | SAFETY DATA SHEET

Yes	No	No	No		
Banzana (71 42 2)					
Benzene (71-43-2) U.S California -	U.S California -	U.S California -	U.S California -	Ne significance sight laws	
				No significance risk leve	
Proposition 65 -	Proposition 65 -	Proposition 65 -	Proposition 65 -	(NSRL)	
Carcinogens List	Developmental Toxicity	Reproductive Toxicity -	Reproductive Toxicity -		
		Female	Male		
Yes	Yes	No	Yes		
Arsenic (7440-38-2)					
U.S California -	U.S California -	U.S California -	U.S California -	No significance risk leve	
Proposition 65 -	Proposition 65 -	Proposition 65 -	Proposition 65 -	(NSRL)	
Carcinogens List	Developmental Toxicity	Reproductive Toxicity -	Reproductive Toxicity -		
Ğ		Female	Male		
Yes	Yes	No	No		
Cadmium (non-pyroph	oric) (7440-43-9)				
U.S California -	U.S California -	U.S California -	U.S California -	No significance risk leve	
Proposition 65 -	Proposition 65 -	Proposition 65 -	Proposition 65 -	(NSRL)	
Carcinogens List	Developmental Toxicity	Reproductive Toxicity -	Reproductive Toxicity -	()	
		Female	Male		
Yes	Yes	No	Yes		
Mercury (7439-97-6)	22	-9	- 14 -	21+	
U.S California -	U.S California -	U.S California -	U.S California -	No significance risk leve	
Proposition 65 -	Proposition 65 -	Proposition 65 -	Proposition 65 -	(NSRL)	
Carcinogens List	Developmental Toxicity	Reproductive Toxicity -	Reproductive Toxicity -	Plant Sector Product Day	
		Female	Male		
No	Yes	No	No		
Nickel (7440-02-0)	1				
U.S California -	U.S California -	U.S California -	U.S California -	No significance risk leve	
Proposition 65 -	Proposition 65 -	Proposition 65 -	Proposition 65 -	(NSRL)	
Carcinogens List	Developmental Toxicity	Reproductive Toxicity -	Reproductive Toxicity -	C.N.C. C.	
		Female	Male		
Yes	No	No	No		
Lead (7439-92-1)				1.	
U.S California -	U.S California -	U.S California -	U.S California -	No significance risk leve	
Proposition 65 -	Proposition 65 -	Proposition 65 -	Proposition 65 -	(NSRL)	
Carcinogens List	Developmental Toxicity	Reproductive Toxicity - Female	Reproductive Toxicity - Male	1253	
Yes	Yes	Yes	Yes		
103	105	105	103		

Nonane (111-84-2)

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Massachusetts - Right To Know List

U.S. - Pennsylvania - RTK (Right to Know) List

#### Silica: Crystalline, quartz (14808-60-7)

- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List
- U.S. Massachusetts Right To Know List

#### Titanium dioxide (13463-67-7)

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List U.S. Pennsylvania RTK (Right to Know) List

### Benzene, 1,2,4-trimethyl- (95-63-6)

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Massachusetts - Right To Know List

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#### Benzene, 1,2,4-trimethyl- (95-63-6)

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

#### Carbon black (1333-86-4)

U.S. - New Jersey - Right to Know Hazardous Substance List

#### Lead (7439-92-1)

- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Massachusetts Right To Know List
- U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List

#### Copper (7440-50-8)

- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Massachusetts Right To Know List
- U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List

### Limestone (1317-65-3)

U.S. - New Jersey - Right to Know Hazardous Substance List

SECTION 16: Other information			
Indication of changes	: Revision 1.0: New SDS Created.		
Revision date	: 03/20/2018		
Other information	: Author: DW.		
NFPA health hazard	: 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given.		
NFPA fire hazard	: 2 - Must be moderately heated or exposed to relatively high temperature before ignition can occur.		
NFPA reactivity	: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.		
HMIS III Rating			
Health	: 3*		
Flammability	:2		
Physical	: 0		
Personal Protection			

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product