

ELASTOMERIC

## SAFETY DATA SHEETS



### SECTION 1: COMPANY AND PRODUCT INFORMATION

#### MANUFACTURER'S NAME/ ADDRESS:

DURACORP  
2664 Vista Pacific Dr.  
Oceanside, CA 92056  
(760) 758-7240

TRADE NAME: ELASTOMERIC

MAIN USE: WATERPROOF MEMBRANE

**Emergency Phone:** CHEMTREC 800-424-9300

### SECTION 2: HAZARDS IDENTIFICATION

**According to: OSHA 29 CFR 1910.1200 HCS**

#### Classification of the substance or mixture

OSHA HCS 2012      Germ Cell Mutagenicity 1B  
Reproductive Toxicity 1B

#### Label elements

OSHA HCS 2012



**SIGNAL WORD: DANGER!**

#### HAZARD STATEMENTS:

May cause genetic defects  
May damage fertility or the unborn child

#### PRECAUTION STATEMENTS:

##### PREVENTION:

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Wear protective gloves/protective clothing/eye protection/face protection.

##### RESPONSE:

IF exposed or concerned: Get medical advice/attention.

##### STORAGE/DISPOSAL:

Store locked up.  
Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

#### OTHER HAZARDS:

NOSHA HCS 2012

Under United States Regulations (29 CFR 1910.1200 - Hazard Communications Standard), this product is considered hazardous.

### SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

#### Mixtures

Composition					
Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation/Directive	Comments
Proprietary	Proprietary	70%	NDA	OSHA HCS 2012: Not Classified	NDA
Limestone	CAS:1317-65-3	14.4% TO 24%	NDA	OSHA HCS 2012: Not Classified	NDA
Titanium dioxide	CAS:13463-67-7	1.2% TO 2%	NDA	OSHA HCS 2012: Muta. 2; Carc. 2 (Inhl); STOT RE 2 (Lungs, Inhl)	NDA
Propylene glycol	CAS:57-55-6	0.998% TO 1%	NDA	OSHA HCS 2012: Skin Irrit. 2; Eye Irrit. 2B	NDA
XFO-10SFG	NDA	< 1%	NDA	OSHA HCS 2012: Not Classified	NDA
Other components below reportable levels	NDA	< 0.9%	NDA	OSHA HCS 2012: Not Classified	NDA
Carboxylated SBR emulsion	NDA	< 0.39%	NDA	OSHA HCS 2012: Not Classified	NDA
Carbon Black	CAS:1333-86-4	< 0.29%	Ingestion/Oral-Rat LD50 • >15400 mg/kg  Skin-Rabbit LD50 • >3 g/kg	OSHA HCS 2012: Carc. 2; STOT RE 1 (Lungs, Inhl); Comb. Dust	NDA
Kaolin	CAS:1332-58-7	< 0.225%	NDA	OSHA HCS 2012: Eye Irrit. 2B; STOT RE 1 (Lungs)	NDA
Triethylene glycol	CAS:112-27-6	< 0.2%	NDA	OSHA HCS 2012: Eye Irrit. 2	NDA
2-Benzimidazolecarbamic acid, methyl ester	CAS:10605-21-7	< 0.2%	NDA	OSHA HCS 2012: Muta. 1B; Repr. 1B	NDA
Alumina	CAS:1344-28-1	0.06% TO 0.14%	NDA	OSHA HCS 2012: STOT RE 2 (Lungs, Inhl)	NDA
Talc	CAS:14807-96-6	< 0.1%	NDA	OSHA HCS 2012: STOT RE 1 (Lungs, Inhl)	NDA
Zirconium oxide	CAS:1314-23-4	0.002% TO 0.02%	NDA	OSHA HCS 2012: Exposure Limits	NDA
Silica, amorphous	CAS:7631-86-9	0.002% TO 0.02%	NDA	OSHA HCS 2012: Exposure Limits	NDA
Crystalline silica	CAS:14808-60-7	< 0.01%	NDA	OSHA HCS 2012: Exposure Limits	NDA
Formaldehyde	CAS:50-00-0	< 0.001%	Ingestion/Oral-Rat LD50 • 100 mg/kg Inhalation-Rat LC50 • 250 ppm 2 Hour(s) Skin-Rabbit LD50 • 270 µL/kg	OSHA HCS 2012: Exposure Limits	NDA

### SECTION 4: FIRST AID MEASURES

#### Description of first aid measures

##### Inhalation

- Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.

##### Skin

- In case of contact with substance, immediately flush skin with running water for at least 20 minutes. If irritation develops and persists, get medical attention.

##### Eye

- In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If eye irritation persists: Get medical advice/attention.

##### Ingestion

- Obtain medical attention immediately if ingested.

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

- Refer to Section 11 - Toxicological Information.

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

##### Notes to Physician

- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

## SECTION 5: FIRE FIGHTING MEASURES

### Extinguishing media

**Suitable Extinguishing Media** • LARGE FIRE: Water spray, fog or regular foam.  
SMALL FIRES: Dry chemical, CO<sub>2</sub>, water spray or regular foam.

**Unsuitable Extinguishing Media** • No data available

### Special hazards arising from the substance or mixture

**Unusual Fire and Explosion Hazards** • No data available

### Hazards

**Hazardous Combustion Products** • No data available

### Advice for firefighters

- Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.
- Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.
- Wear positive pressure self-contained breathing apparatus (SCBA).

## SECTION 6: ACCIDENTAL RELEASE MEASURE

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** • Ventilate enclosed areas. Do not walk through spilled material. Use appropriate Personal Protective Equipment (PPE)

**Emergency Procedures** • As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. Stay upwind. Keep out of low areas. Keep unauthorized personnel away.

### Environmental precautions

- Avoid run off to waterways and sewers.

### Methods and material for containment and cleaning up

#### Containment/Clean-up

#### Measures

- Stop leak if you can do it without risk.
- Use rags to clean up small amount of spilled material.
- Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
- Dike to collect large liquid spills.

## SECTION 7: HANDLING AND STORAGE

### Precautions for safe handling

#### Handling

- Use only with adequate ventilation. Use appropriate Personal Protective Equipment (PPE) Avoid breathing mist, vapours and/or spray. Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

### Conditions for safe storage, including any incompatibilities

#### Storage

- Keep container closed when not in use. Keep from freezing. Store between 55°-80°F

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits/Guidelines				
	Result	ACGIH	NIOSH	OSHA
Formaldehyde (50-00-0)	STELs	Not established	Not established	2 ppm STEL (see 29 CFR 1910.1048)
	TWAs	Not established	0.016 ppm TWA	0.75 ppm TWA
	Ceilings	0.3 ppm Ceiling	0.1 ppm Ceiling (15 min)	Not established
Zirconium oxide	TWAs	5 mg/m <sup>3</sup> TWA (as Zr) as Zirconium compounds	5 mg/m <sup>3</sup> TWA (except Zirconium tetrachloride, as Zr) as Zirconium compounds	5 mg/m <sup>3</sup> TWA (as Zr) as Zirconium compounds
	STELs	10 mg/m <sup>3</sup> STEL (as Zr) as Zirconium compounds	10 mg/m <sup>3</sup> STEL (except Zirconium tetrachloride, as Zr) as Zirconium compounds	Not established
Silica, amorphous (7631-86-9)	TWAs	Not established	6 mg/m <sup>3</sup> TWA	Not established
Crystalline silica (14808-80-7)	TWAs	0.025 mg/m <sup>3</sup> TWA (respirable fraction)	0.05 mg/m <sup>3</sup> TWA (respirable dust)	Not established
Alumina (1344-28-1)	TWAs	1 mg/m <sup>3</sup> TWA (respirable fraction) as Aluminum insoluble compounds	Not established	15 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction)

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Talc (4807-96-6)	TWAs	2 mg/m <sup>3</sup> TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction)	2 mg/m <sup>3</sup> TWA (containing no Asbestos and <1% Quartz, respirable dust)	Not established
Kaolin (1332-58-7)	TWAs	2 mg/m <sup>3</sup> TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction)	10 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable dust)	15 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction)
Carbon Black (1333-86-4)	TWAs	3 mg/m <sup>3</sup> TWA (inhalable fraction)	3.5 mg/m <sup>3</sup> TWA; 0.1 mg/m <sup>3</sup> TWA (Carbon black in presence of Polycyclic aromatic hydrocarbons, as PAH)	3.5 mg/m <sup>3</sup> TWA
Titanium dioxide (13463-67-7)	TWAs	10 mg/m <sup>3</sup> TWA	Not established	15 mg/m <sup>3</sup> TWA (total dust)
Limestone (1317-65-3)	TWAs	Not established	10 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable dust)	15 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction)

### Exposure controls

#### Engineering

#### Measures/Controls

- Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

### Personal Protective Equipment

#### Respiratory

#### Eye/Face

#### Skin/Body

#### Environmental Exposure Controls

- In case of insufficient ventilation, wear suitable respiratory equipment.
- Wear chemical splash safety goggles.
- Wear appropriate gloves.
- Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways. Follow best practice for site management and disposal of waste.

#### Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene

NIOSH = National Institute of Occupational Safety and Health

OSHA = Occupational Safety and Health Administration

STEL = Short Term Exposure Limits are based on 15-minute exposures

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Gray liquid with slight odor.
Color	Gray	Odor	Slight
Odor Threshold	No data available		
General Properties			
Boiling Point	100 °C(212 °F)	Melting Point/Freezing Point	No data available
Decomposition Temperature	> 200 °C(> 392 °F)	pH	13.2 @ 25 °C(77 °F)
Specific Gravity/Relative Density	No data available	Water Solubility	No data available
Viscosity	90-95 KU		
Volatility			
Vapor Pressure	17 mmHg (torr) @ 20 °C(68 °F)	Vapor Density	No data available
Evaporation Rate	< 1 Water = 1	VOC (Wt.)	0 %
VOC (Vol.)	40.3 %		
Flammability			
Flash Point	> 100 °C(> 212 °F)	UEL	No data available
LEL	No data available	Autoignition	No data available
Flammability (solid, gas)	No data available		
Environmental			
Octanol/Water Partition coefficient	No data available		



## SECTION 10: STABILITY AND REACTIVITY DATA

### Reactivity

- No dangerous reaction known under conditions of normal use.

### Chemical stability

- Stable under normal temperatures and pressures.

### Possibility of hazardous reactions

- Hazardous polymerization will not occur. **Conditions**

### to avoid

- No data available.

### Incompatible materials • None known. Hazardous decomposition products

- None known.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on toxicological effects

Components		
2-Benzimidazolecarbamic acid, methyl ester (< 0.2%)	10605-21-7	<b>Acute Toxicity:</b> Ingestion/Oral-Rat LD50 • >5050 mg/kg; Skin-Rabbit LD50 • 8500 mg/kg; <b>Multi-dose Toxicity:</b> Ingestion/Oral-Rat TDLo • 1440 mg/kg 90 Day(s)-Intermittent; <i>Lungs, Thorax, or Respiration:Changes in lung weight; Blood:Changes in serum composition (e.g., TP, bilirubin cholesterol); Biochemical:Enzyme inhibition, induction, or change in blood or tissue levels:Transaminases;</i> <b>Mutagen:</b> Specific locus test • Ingestion/Oral-Mouse • 200 mg/kg; Sperm Morphology • Ingestion/Oral-Rat • 150 mg/kg; Cytogenetic analysis • Ingestion/Oral-Rat • 1 g/kg; Micronucleus test • Ingestion/Oral-Rat • 62.5 mg/kg; <b>Reproductive:</b> Ingestion/Oral-Rat TDLo • 50 mg/kg (1D male); <i>Reproductive Effects:Paternal Effects:Spermatogenesis; Reproductive Effects:Paternal Effects:Testes, epididymis, sperm duct;</i> Ingestion/Oral-Rat TDLo • 153 mg/kg (8-15D preg); <i>Reproductive Effects:Effects on Embryo or Fetus:Fetotoxicity (except death, e.g., stunted fetus); Reproductive Effects:Effects on Embryo or Fetus:Fetal death, Reproductive Effects:Specific Developmental Abnormalities:Central nervous system;</i> Ingestion/Oral-Rat TDLo • 153 mg/kg (8-15D preg); <i>Reproductive Effects:Specific Developmental Abnormalities:Craniofacial (including nose and tongue); Reproductive Effects:Specific Developmental Abnormalities:Musculoskeletal system</i>
Kaolin (< 0.225%)	1332-58-7	<b>Multi-dose Toxicity:</b> Inhalation-Hamster TCLo • 30 mg/m <sup>3</sup> 48 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:Fibrosis (interstitial); Lungs, Thorax, or Respiration:Tumors;</i> Inhalation-Rat TCLo • 30 mg/m <sup>3</sup> 72 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:Tumors;</i> Inhalation-Rat TCLo • 30 mg/m <sup>3</sup> 96 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:Fibrosis (interstitial); Lungs, Thorax, or Respiration:Other changes; Lungs, Thorax, or Respiration:Tumors;</i> <b>Reproductive:</b> Ingestion/Oral-Rat TDLo • 590 g/kg (37D pre/1-22D preg); <i>Reproductive Effects:Effects on Newborn:Growth statistics (e.g., reduced weight gain);</i> Ingestion/Oral-Rat TDLo • 370 g/kg (37D pre/122D preg); <i>Reproductive Effects:Maternal Effects:Other effects; Reproductive Effects:Effects on Newborn:Other neonatal measures or effects.</i>
Limestone (14.4% TO 1%)	1317-65-3	<b>Multi-dose Toxicity:</b> Inhalation-Rat TCLo • 84 mg/m <sup>3</sup> 4 Hour(s) 40 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:Fibrosis (interstitial); Liver:Other changes; Kidney, Ureter, and Bladder:Other changes;</i> Inhalation-Rat TCLo • 250 mg/m <sup>3</sup> 2 Hour(s) 24 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:Fibrosis, focal (pneumoconiosis)</i>
Titanium dioxide (1.2% TO 2%)	13463-67-7	<b>Irritation:</b> Skin-Human • 300 µg 3 Day(s)-Intermittent • Mild irritation; <b>Multi-dose Toxicity:</b> Inhalation-Rat TCLo • 10 mg/m <sup>3</sup> 6 Hour(s) 13 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:Fibrosis (interstitial); Lungs, Thorax, or Respiration:Other changes; Biochemical:Metabolism (intermediary):Effect on inflammation or mediation of</i> <b>Inflammation;</b> Inhalation-Rat TCLo • 250 mg/m <sup>3</sup> 6 Hour(s) 4 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:Chronic pulmonary edema; Lungs, Thorax, or Respiration:Other changes;</i> <b>Mutagen:</b> Micronucleus test • Ingestion/Oral-Mouse • 280 mg/kg 7 Day(s)-Intermittent; DNA damage • Ingestion/Oral-Mouse • 280 mg/kg 7 Day(s)-Intermittent; Cytogenetic analysis • Ingestion/Oral-Mouse • 280 mg/kg 7 Day(s)-Intermittent;
		<b>Tumorigen / Carcinogen:</b> Inhalation-Rat • 10 mg/m <sup>3</sup> 18 Hour(s) 2 Year(s)-Intermittent; <b>Tumorigenic:Carcinogenic by RTECS criteria;</b> <i>Lungs, Thorax, or Respiration:Tumors;</i> Inhalation-Rat TCLo • 250 mg/m <sup>3</sup> 6 Hour(s) 2 Year(s)-Intermittent; <b>Tumorigenic:Carcinogenic by RTECS criteria;</b> <i>Lungs, Thorax, or Respiration:Tumors</i>
Alumina (0.06% TO 0.14%)	1344-28-1	<b>Multi-dose Toxicity:</b> Inhalation-Rat TCLo • 200 mg/m <sup>3</sup> 5 Hour(s) 28 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:Structural or functional change in trachea or bronchi; Lungs, Thorax, or Respiration:Chronic pulmonary edema; Related to Chronic Data:Death in the Other Multiple Dose data type field</i>

Propylene glycol (0.998% TO 1%)	57-55-6	<b>Acute Toxicity:</b> Ingestion/Oral-Rat LD50 • 20 g/kg; Skin-Rabbit LD50 • 20800 mg/kg; <b>Irritation:</b> Eye-Rabbit • 100 mg • Mild irritation; Eye-Rabbit • 500 mg 24 Hour(s) • Mild irritation; Skin-Human • 104 mg 3 Day(s)-Intermittent • Moderate irritation; Skin-Human • 500 mg 7 Day(s) • Mild irritation; <b>Multi-dose Toxicity:</b> Ingestion/Oral-Dog TDLo • 3650 mg/kg 2 Year(s)-Intermittent; <b>Blood:</b> Normocytic anemia; <b>Blood:</b> Other hemolysis with or without anemia; Skin-Human TDLo • 5 mg/kg 7 Day(s)-Intermittent; <b>Skin and Appendages:</b> After topical exposure: <b>Primary irritation;</b> Skin-Man TDLo • 0.03 mL/kg 22 Day(s)-Intermittent; <b>Skin and Appendages:</b> After topical exposure: <b>Cutaneous sensitization (experimental)</b>
Triethylene glycol (< 0.2%)	112-27-6	<b>Acute Toxicity:</b> Ingestion/Oral-Rat LD50 • 15000 mg/kg; <b>Liver:</b> Other changes; <b>Kidney, Ureter, and Bladder:</b> Other changes; Inhalation-Rat LC50 • >4400 mg/m <sup>3</sup> 4 Hour(s); Inhalation-Mouse TDLo • 4545 mg/m <sup>3</sup> 30 Minute(s); <b>Lungs, Thorax, or Respiration:</b> <b>Respiratory depression;</b> Inhalation-Rat TDLo • 5020 mg/m <sup>3</sup> 4 Hour(s); <b>Peripheral Nerve and Sensation:</b> <b>Sensory change involving peripheral nerve;</b> <b>Sense Organs and Special Senses:</b> Eye: <b>Conjunctive irritation;</b> <b>Sense Organs and Special Senses:</b> Eye: <b>Other;</b> Skin-Rabbit LD50 • >20 mL/kg; <b>Irritation:</b> Eye-Rabbit • 500 mg • Mild irritation; Skin-Rabbit • 500 mg 24 Hour(s) • Mild irritation; <b>Multi-dose Toxicity:</b> Ingestion/Oral-Mouse TDLo • 33780 mg/kg 3 Day(s)-Intermittent; <b>Behavioral:</b> <b>Somnolence (general depressed activity);</b> <b>Behavioral:</b> Fluid intake; <b>Lungs, Thorax, or Respiration:</b> <b>Dyspnea;</b> <b>Mutagen:</b> Heritable Translocation Test • Skin-Drosophila melanogaster • 1.32 mmol/L; <b>Reproductive:</b> Ingestion/Oral-Rat TDLo • 103 g/kg (6-15D preg); <b>Reproductive Effects:</b> Effects on Embryo or Fetus: <b>Fetotoxicity (except death, e.g., stunted fetus);</b> <b>Reproductive Effects:</b> Specific Developmental Abnormalities: <b>Musculoskeletal system</b>
Talc (< 0.1%)	14807-96-6	<b>Irritation:</b> Skin-Human • 300 µg 3 Day(s)-Intermittent • Mild irritation; <b>Tumorigen / Carcinogen:</b> Inhalation-Rat • 11 mg/m <sup>3</sup> 1 Year(s)-Intermittent; <b>Tumorigenic:</b> <b>Equivocal tumorigenic agent by RTECS criteria;</b> <b>Lungs, Thorax, or Respiration:</b> <b>Tumors;</b> Inhalation-Rat TCLo • 18 mg/m <sup>3</sup> 6 Hour(s) 2 Year(s)-Intermittent; <b>Tumorigenic:</b> <b>Carcinogenic by RTECS criteria;</b> <b>Lungs, Thorax, or Respiration:</b> <b>Bronchiogenic carcinoma;</b> <b>Endocrine:</b> <b>Tumors</b>
Carbon Black (< 0.29%)	1333-86-4	<b>Acute Toxicity:</b> Ingestion/Oral-Rat LD50 • >15400 mg/kg; <b>Behavioral:</b> <b>Somnolence (general depressed activity);</b> Skin-Rabbit LD50 • >3 g/kg; <b>Mutagen:</b> DNA adduct • Inhalation-Mouse • 6200 µg/m <sup>3</sup> 16 Hour(s) 12 Week(s)-Intermittent; DNA damage • Inhalation-Rat • 50 µg/L 13 Week(s)-Intermittent; DNA damage • Inhalation-Rat • 50 g/L 13 Week(s); <b>Tumorigen / Carcinogen:</b> Inhalation-Rat TCLo • 11600 µg/m <sup>3</sup> 18 Hour(s) 2 Year(s)-Intermittent; <b>Tumorigenic:</b> <b>Carcinogenic by RTECS criteria;</b> <b>Lungs, Thorax, or Respiration:</b> <b>Tumors</b>

GHS Properties	Classification
Acute toxicity	OSHA HCS 2012• No data available
Skin corrosion/Irritation	OSHA HCS 2012• No data available
Serious eye damage/Irritation	OSHA HCS 2012• No data available
Skin sensitization	OSHA HCS 2012• No data available
Respiratory sensitization	OSHA HCS 2012• No data available
Aspiration Hazard	OSHA HCS 2012• No data available
Carcinogenicity	OSHA HCS 2012• No data available
Germ Cell Mutagenicity	OSHA HCS 2012• Germ Cell Mutagenicity 1B
Toxicity for Reproduction	OSHA HCS 2012• Toxic to Reproduction 1B
TOT-SE	OSHA HCS 2012• No data available
STOT-RE	OSHA HCS 2012• No data available

#### Potential Health Effects Inhalation

**Acute (Immediate)** • No data available

**Chronic (Delayed)** • No data available **Skin**

**Acute (Immediate)** • No data available

**Chronic (Delayed)** • No data available **Eye**

**Acute (Immediate)** • No data available

**Chronic (Delayed)** • No data available **Ingestion**

**Acute (Immediate)** • No data available

**Chronic (Delayed)** • No data available

**Mutagenic Effects** • Repeated and prolonged exposure may cause mutagenic effects.

**Carcinogenic Effects** • This material contains a component that may cause cancer, however based on regulatory criteria this material is not classified as a carcinogen.

Carcinogenic Effects				
	CAS	OSHA	IARC	NTP
Formaldehyde	50-00-0	Specifically Regulated Carcinogen	Group 1-Carcinogenic	Known Human Carcinogen
Crystalline silica	14808-60-7	Not Listed	Group 1-Carcinogenic	Known Human Carcinogen
Carbon Black	1333-86-4	Not Listed	Group 2B-Possible Carcinogen	Not Listed
Titanium dioxide	13463-67-7	Not Listed	Group 2B-Possible Carcinogen	Not Listed

**Reproductive Effects**

- Repeated and prolonged exposure may cause reproductive effects.

**Key to abbreviations**

LC = Lethal Concentration

LD = Lethal Dose

TC= Toxic Concentration

TD= Toxic Dose

## SECTION 12: ECOLOGICAL INFORMATION

**Toxicity**

- Non-mandatory section - information about this substance not compiled for this reason.

**Persistence and degradability**

- Non-mandatory section - information about this substance not compiled for this reason.

**Bioaccumulative potential**

- Non-mandatory section - information about this substance not compiled for this reason. **Mobility in Soil**
- Non-mandatory section - information about this substance not compiled for this reason.

**Other adverse effects**

- Non-mandatory section - information about this substance not compiled for this reason.

## SECTION 13: DISPOSAL CONSIDERATION

**Waste treatment methods****Product waste**

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**Packaging waste**

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

## SECTION 14: TRANSPORT INFORMATION

	UN number	UN proper shipping name	Transport class(es)	hazard	Packing group	Environmental hazards
DOT	Not Applicable	Not Regulated	Not Applicable		Not Applicable	NDA

**Special precautions for user** • None specified.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** • No data available to

## SECTION 15: REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for the substance or mixture**  
**SARA Hazard Classifications** • Chronic



Inventory		
Component	CAS	TSCA
2-Benzimidazolecarbamic acid, methyl ester	10605-21-7	Yes
Alumina	1344-28-1	Yes
Carbon Black	1333-86-4	Yes
Crystalline silica	14808-60-7	Yes
Formaldehyde	50-00-0	Yes
Kaolin	1332-58-7	Yes
Limestone	1317-65-3	Yes
Propylene glycol	57-55-6	Yes
Silica, amorphous	7631-86-9	Yes
Talc	14807-96-6	Yes
Titanium dioxide	13463-67-7	Yes
Triethylene glycol	112-27-6	Yes
Zirconium oxide	1314-23-4	Yes

### United States

#### Labor

#### U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals

• Triethylene glycol	112-27-6	Not Listed
• 2-Benzimidazolecarbamic acid, methyl ester	10605-21-7	Not Listed
• Kaolin	1332-58-7	Not Listed
• Formaldehyde	50-00-0	1000 lb TQ
• Carbon Black	1333-86-4	Not Listed
• Propylene glycol	57-55-6	Not Listed
• Talc	14807-96-6	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Alumina	1344-28-1	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Zirconium oxide	1314-23-4	Not Listed
• Crystalline silica	14808-60-7	Not Listed

#### U.S. - OSHA - Specifically Regulated Chemicals

• Triethylene glycol	112-27-6	Not Listed
• 2-Benzimidazolecarbamic acid, methyl ester	10605-21-7	Not Listed
• Kaolin	1332-58-7	Not Listed
• Formaldehyde	50-00-0	2 ppm STEL (See 29 CFR 1910.1048, 15 min); 0.5 ppm Action Level (See 29 CFR 1910.1048); 0.75 ppm TWA (See 29 CFR 1910.1048)
• Carbon Black	1333-86-4	Not Listed
• Propylene glycol	57-55-6	Not Listed
• Talc	14807-96-6	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Alumina	1344-28-1	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Zirconium oxide	1314-23-4	Not Listed
• Crystalline silica	14808-60-7	Not Listed



**Environment****U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants**

• Triethylene glycol	112-27-6	Not Listed
• 2-Benzimidazolecarbamic acid, methyl ester	10605-21-7	Not Listed
• Kaolin	1332-58-7	Not Listed
• Formaldehyde	50-00-0	
• Carbon Black	1333-86-4	Not Listed
• Propylene glycol	57-55-6	Not Listed
• Talc	14807-96-6	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Alumina	1344-28-1	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Zirconium oxide	1314-23-4	Not Listed
• Crystalline silica	14808-60-7	Not Listed

**U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities**

Triethylene glycol	112-27-6	Not Listed
2-Benzimidazolecarbamic acid, methyl ester	10605-21-7	10 lb final RQ; 4.54 kg final RQ

• Formaldehyde 50-00-0

-RQ

Carbon Black	1333-86-4	Not Listed
• Propylene glycol	57-55-6	Not Listed
• Talc	14807-96-6	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Alumina	1344-28-1	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Zirconium oxide	1314-23-4	Not Listed
• Crystalline silica	14808-60-7	Not Listed

100 lb final RQ; 45.4 kg final

**U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities**

• Triethylene glycol	112-27-6	Not Listed
• 2-Benzimidazolecarbamic acid, methyl ester	10605-21-7	Not Listed
• Kaolin	1332-58-7	Not Listed
• Formaldehyde	50-00-0	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Propylene glycol	57-55-6	Not Listed
• Talc	14807-96-6	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Alumina	1344-28-1	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Zirconium oxide	1314-23-4	Not Listed
• Crystalline silica	14808-60-7	Not Listed

**U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs**

• Triethylene glycol	112-27-6	Not Listed
• 2-Benzimidazolecarbamic acid, methyl ester	10605-21-7	Not Listed
• Kaolin	1332-58-7	Not Listed
• Formaldehyde	50-00-0	100 lb EPCRA RQ
• Carbon Black	1333-86-4	Not Listed
• Propylene glycol	57-55-6	Not Listed
• Talc	14807-96-6	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Alumina	1344-28-1	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Zirconium oxide	1314-23-4	Not Listed
• Crystalline silica	14808-60-7	Not Listed

**U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs**

• Triethylene glycol	112-27-6	Not Listed
• 2-Benzimidazolecarbamic acid, methyl ester	10605-21-7	Not Listed
• Kaolin	1332-58-7	Not Listed

## ELASTOMERIC

- Formaldehyde 50-00-0 500 lb TPQ
- Carbon Black 1333-86-4 Not Listed
- Propylene glycol 57-55-6 Not Listed
- Talc 14807-96-6 Not Listed
- Titanium dioxide 13463-67-7 Not Listed
- Alumina 1344-28-1 Not Listed
- Limestone 1317-65-3 Not Listed

- Silica, amorphous 7631-86-9
- Zirconium oxide 1314-23-4 Not Listed
- Crystalline silica 14808-60-7 Not Listed

### U.S. - CERCLA/SARA - Section 313 - Emission Reporting

- Triethylene glycol 112-27-6 Not Listed
- 2-Benzimidazolecarbamic acid, methyl ester 10605-21-7 Not Listed
- Kaolin 1332-58-7 Not Listed
- Formaldehyde 50-00-0 0.1 % de minimis concentration
- Carbon Black 1333-86-4 Not Listed
- Propylene glycol 57-55-6 Not Listed
- Talc 14807-96-6 Not Listed
- Titanium dioxide 13463-67-7 Not Listed
- Alumina 1344-28-1 1.0 % de minimis concentration (fibrous forms)
- Limestone 1317-65-3 Not Listed
- Silica, amorphous 7631-86-9 Not Listed
- Zirconium oxide 1314-23-4 Not Listed
- Crystalline silica 14808-60-7 Not Listed

### U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

- Triethylene glycol 112-27-6 Not Listed
- 2-Benzimidazolecarbamic acid, methyl ester 10605-21-7 Not Listed
- Kaolin 1332-58-7 Not Listed
- Formaldehyde 50-00-0 Not Listed
- Carbon Black 1333-86-4 Not Listed
- Propylene glycol 57-55-6 Not Listed
- Talc 14807-96-6 Not Listed
- Titanium dioxide 13463-67-7 Not Listed
- Alumina 1344-28-1 Not Listed
- Limestone 1317-65-3 Not Listed
- Silica, amorphous 7631-86-9 Not Listed
- Zirconium oxide 1314-23-4 Not Listed
- Crystalline silica 14808-60-7 Not Listed

## United States - California

### Environment

#### S. - California - Proposition 65 - Carcinogens List

- Triethylene glycol 112-27-6 Not Listed
- 2-Benzimidazolecarbamic acid, methyl ester 10605-21-7 Not Listed
- Kaolin 1332-58-7 Not Listed
- Formaldehyde 50-00-0 carcinogen, 1/1/1988 (gas)
- Carbon Black 1333-86-4 (airborne, unbound particles of)
- Propylene glycol 57-55-6 Not Listed
- Talc 14807-96-6 Not Listed
- Titanium dioxide 13463-67-7 (airborne, unbound particles of)
- Alumina 1344-28-1 Not Listed
- Limestone 1317-65-3 Not Listed
- Silica, amorphous 7631-86-9 Not Listed
- carcinogen, 2/21/2003
- respirable size)
- carcinogen, 9/2/2011
- respirable size)

# ELASTOMERIC

• Crystalline silica

14808-60-7

carcinogen, 10/1/1988  
(airborne particles of  
respirable size)

## U.S. - California - Proposition 65 - Developmental Toxicity

• Triethylene glycol	112-27-6	Not Listed	
• 2-Benzimidazolecarbamic acid, methyl ester	10605-21-7		Not Listed
• Kaolin 1332-58-7	Not Listed		
• Formaldehyde 50-00-0	Not Listed		
• Carbon Black 1333-86-4	Not Listed		
• Propylene glycol	57-55-6	Not Listed	
• Talc 14807-96-6	Not Listed		
• Titanium dioxide	13463-67-7	Not Listed	
• Alumina 1344-28-1	Not Listed		
• Limestone 1317-65-3	Not Listed		
• Silica, amorphous	7631-86-9	Not Listed	
• Zirconium oxide 1314-23-4	Not Listed		
• Crystalline silica	14808-60-7	Not Listed	

## U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

• Triethylene glycol	112-27-6	Not Listed	
• 2-Benzimidazolecarbamic acid, methyl ester	10605-21-7		Not Listed
• Kaolin 1332-58-7	Not Listed		
• Formaldehyde 50-00-0	Not Listed		
• Carbon Black 1333-86-4	Not Listed		
• Propylene glycol	57-55-6	Not Listed	
• Talc 14807-96-6	Not Listed		
• Titanium dioxide	13463-67-7	Not Listed	
• Alumina 1344-28-1	Not Listed		
• Limestone 1317-65-3	Not Listed		
• Silica, amorphous	7631-86-9	Not Listed	
• Zirconium oxide 1314-23-4	Not Listed		
• Crystalline silica	14808-60-7	Not Listed	

## U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)

• Triethylene glycol	112-27-6	Not Listed	
• 2-Benzimidazolecarbamic acid, methyl ester	10605-21-7		Not Listed
• Kaolin 1332-58-7	Not Listed		
• Formaldehyde 50-00-0	40 µg/day NSRL (gas)		
• Carbon Black 1333-86-4	Not Listed		
• Propylene glycol	57-55-6	Not Listed	
• Talc 14807-96-6	Not Listed		
• Titanium dioxide	13463-67-7	Not Listed	
• Alumina 1344-28-1	Not Listed		
• Limestone 1317-65-3	Not Listed		
• Silica, amorphous	7631-86-9	Not Listed	
• Zirconium oxide 1314-23-4	Not Listed		
• Crystalline silica	14808-60-7	Not Listed	

## U.S. - California - Proposition 65 - Reproductive Toxicity - Female

• Triethylene glycol	112-27-6	Not Listed	
• 2-Benzimidazolecarbamic acid, methyl ester	10605-21-7		Not Listed
• Kaolin 1332-58-7	Not Listed		
• Formaldehyde 50-00-0	Not Listed		
• Carbon Black	1333-86-4		Not Listed
• Propylene glycol	57-55-6		Not Listed
• Talc	14807-96-6		Not Listed
• Titanium dioxide	13463-67-7		Not Listed
• Alumina	1344-28-1		Not Listed
• Limestone	1317-65-3		Not Listed
• Silica, amorphous	7631-86-9		Not Listed
• Zirconium oxide	1314-23-4		Not Listed
• Crystalline silica	14808-60-7		Not Listed

**U.S. - California - Proposition 65 - Reproductive Toxicity - Male**

• Triethylene glycol	112-27-6	Not Listed
• 2-Benzimidazolecarbamic acid, methyl ester	10605-21-7	Not Listed
• Kaolin	1332-58-7	Not Listed
• Formaldehyde	50-00-0	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Propylene glycol	57-55-6	Not Listed
• Talc	14807-96-6	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Alumina	1344-28-1	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Zirconium oxide	1314-23-4	Not Listed
• Crystalline silica	14808-60-7	Not Listed

**Other Information**

- **WARNING:** This product contains a chemical known to the State of California to cause cancer.

**SECTION 16: OTHER INFORMATION**

**Initial Issue Date:** 08-09-07      **Revision Date:** 11/6/19      **Prepared By:** L. Anderson

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