



# Crislip Tank Linings CC4611, CC4624, RC4624; EnduraFlex™ C623BC, C633BN, C643BC, C922BN, CU628BC, RC628BC, VE628BC, VE641BC, VE644BC; Marflex™ CHB50HT, HB50HT, RCHB60HT; Plioweld™ LS581, LS586

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations  
Revision Date: 05/06/2019 Date of issue: 06/02/2015 Supersedes Date: 09/18/2018

Version: 2.4

### SECTION 1: IDENTIFICATION

#### 1.1. Product Identifier

**Product Form:** Mixture

**Product Name:** : Crislip Tank Linings CC4611, CC4624, RC4624; EnduraFlex™ C623BC, C633BN, C643BC, C922BN, CU628BC, RC628BC, RC628BCNTG, VE628BC, VE628BCNTG, VE641BC, VE644BC; Marflex™ CHB50HT, HB50HT, RCHB60HT; Plioweld™ LS581, LS586; PRODUCTS INCLUDE TG VERSIONS WHERE APPLICABLE

**Document Code:** SDS224

**Family:** Rubber Lining

#### 1.2. Intended Use of the Product

**Use of the substance/mixture:** Natural And Chlorobutyl Rubber Lining. For Professional Use Only.

#### 1.3. Name, Address, and Telephone of the Responsible Party

##### Company

Blair Rubber Company  
5020 Enterprise Pkwy  
Seville, OH 44273  
T 800-321-5583

[blairrubber.com](http://blairrubber.com)

#### 1.4. Emergency Telephone Number

**Emergency Number** : 800-424-9300 (CHEMTREC), 202-483-7616 (International)

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the Substance or Mixture

##### GHS-US classification

Resp. Sens. 1 H334

Skin Sens. 1 H317

Full text of hazard classes and H-statements : see section 16

#### 2.2. Label Elements

##### GHS-US Labeling

**Hazard Pictograms (GHS-US)** :



GHS08

**Signal Word (GHS-US)** :

Danger

**Hazard Statements (GHS-US)** :

H317 - May cause an allergic skin reaction.  
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**Precautionary Statements (GHS-US)** :

P261 - Avoid breathing dust, fumes from decomposition, vapors from decomposition.  
P272 - Contaminated work clothing must not be allowed out of the workplace.  
P280 - Wear eye protection, protective clothing, protective gloves.  
P284 - In case of inadequate ventilation wear respiratory protection.  
P302+P352 - If on skin: Wash with plenty of water.  
P304+P340 - If inhaled: Remove person to fresh air and keep at rest in a position comfortable for breathing.  
P321 - Specific treatment (see Section 4 on this SDS).  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P342+P311 - If experiencing respiratory symptoms: Call a poison center or doctor.  
P363 - Wash contaminated clothing before reuse.  
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

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## 2.3. Other Hazards

May form combustible dust concentrations in air when processed. Accumulation and dispersion of dust with an ignition source can cause a combustible dust explosion. Keep dust levels to a minimum and follow applicable regulations. When heated to decomposition, emits toxic fumes. Contains chemicals with hazards that are associated with their dust and usual forms. The hazards associated with these chemicals are not bioavailable under normal conditions of use due to the compounds being polymer bound. Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

## 2.4. Unknown Acute Toxicity (GHS-US)

0 - 44.12 percent of the mixture consists of ingredient(s) of unknown acute toxicity.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Product Identifier	%
Elastomer	(CAS No) Proprietary	4.0 – 50.0
Elastomer	(CAS No) Proprietary	4.0 – 50.0
Carbon black	(CAS No) 1333-86-4	1.0 – 40.0
Crosslinker	(CAS No) Proprietary	0.1 – 10.0
Inorganic Filler	(CAS No) Proprietary	0.1 – 10.0
Activator	(CAS No) Proprietary	1.0 – 5.0
Tackifier	(CAS No) Proprietary	0.1 – 5.0
Activator	(CAS No) Proprietary	0.1 – 5.0
Activator	(CAS No) Proprietary	1.0 – 5.0
Antidegradant	(CAS No) Proprietary	0.1 – 2.0
Accelerator	(CAS No) Proprietary	0.1 – 2.0
Plasticizer	(CAS No) Proprietary	0.1 – 2.0
Activator	(CAS No) Proprietary	0.1 – 2.0
Accelerator	(CAS No) Proprietary	0.1 – 2.0
Accelerator	(CAS No) Proprietary	0.1 – 1.5
Plasticizer	(CAS No) Proprietary	0.1 – 1.5
Accelerator	(CAS No) Proprietary	0.1 – 1.5
Accelerator	(CAS No) Proprietary	0.1 – 1.0
Accelerator	(CAS No) Proprietary	0.1 – 1.0
Antidegradant	(CAS No) Proprietary	0.1 – 0.5

The specific chemical identity and/or exact percentage of composition has been withheld as a trade secret within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200].

Full text of H-phrases: see section 16

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of First Aid Measures

**First-aid Measures General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

**First-aid Measures After Inhalation:** Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

**First-aid Measures After Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 15 minutes. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

**First-aid Measures After Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

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**First-aid Measures After Ingestion:** Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

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

**Symptoms/Injuries:** May cause an allergic reaction in sensitive individuals.

**Symptoms/Injuries After Inhalation:** When heated, material emits irritating fumes. Exposure may produce cough mucous secretions, shortness of breath, chest tightness or other symptoms indicative of an allergic/sensitization reaction.

**Symptoms/Injuries After Skin Contact:** May cause an allergic skin reaction.

**Symptoms/Injuries After Eye Contact:** Fumes from thermal decomposition may cause eye irritation.

**Symptoms/Injuries After Ingestion:** Ingestion is likely to be harmful or have adverse effects.

**Chronic Symptoms:** None expected under normal conditions of use.

## 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible).

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing Media

**Suitable Extinguishing Media:** Water spray, fog, carbon dioxide, foam.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### 5.2. Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Not considered flammable but may burn at high temperatures.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** Hazardous reactions will not occur under normal conditions.

### 5.3. Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire. Under fire conditions, hazardous fumes will be present.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Other Information:** Refer to Section 9 for flammability properties.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Avoid prolonged contact with eyes, skin and clothing. Do not breathe fumes from fires or vapors from decomposition.

#### 6.1.1. For Non-emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### 6.1.2. For Emergency Responders

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area.

### 6.2. Environmental Precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### 6.3. Methods and Material for Containment and Cleaning Up

**For Containment:** Sweep or vacuum the product to recover it.

**Methods for Cleaning Up:** Clear up spills immediately and dispose of waste safely.

### 6.4. Reference to Other Sections

See Heading 8. Exposure controls and personal protection. Concerning disposal elimination after cleaning, see item 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

**Additional Hazards When Processed:** When heated to decomposition, emits toxic fumes.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

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## 7.2. Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Comply with applicable regulations.

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

**Incompatible Products:** Strong acids. Strong bases. Strong oxidizers.

## 7.3. Specific End Use(s)

Natural And Chlorobutyl Rubber Lining. For Professional Use Only.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), or OSHA (PEL).

<b>Elastomer (CAS No) Proprietary</b>		
<b>USA ACGIH</b>	ACGIH TWA (mg/m <sup>3</sup> )	0.0001 mg/m <sup>3</sup> (inhalable fraction)
<b>Carbon black (CAS No) 1333-86-4</b>		
<b>USA ACGIH</b>	ACGIH TWA (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup> (inhalable fraction)
<b>USA NIOSH</b>	NIOSH REL (TWA) (mg/m <sup>3</sup> )	3.5 mg/m <sup>3</sup> 0.1 mg/m <sup>3</sup> (Carbon black in presence of Polycyclic aromatic hydrocarbons)
<b>USA IDLH</b>	US IDLH (mg/m <sup>3</sup> )	1750 mg/m <sup>3</sup>
<b>USA OSHA</b>	OSHA PEL (TWA) (mg/m <sup>3</sup> )	3.5 mg/m <sup>3</sup>
<b>Activator (CAS No) Proprietary</b>		
<b>USA ACGIH</b>	ACGIH TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> (respirable fraction)
<b>USA ACGIH</b>	ACGIH STEL (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (respirable fraction)
<b>USA NIOSH</b>	NIOSH REL (TWA) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> (dust and fume)
<b>USA NIOSH</b>	NIOSH REL (STEL) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (fume)
<b>USA NIOSH</b>	NIOSH REL (ceiling) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup> (dust)
<b>USA IDLH</b>	US IDLH (mg/m <sup>3</sup> )	500 mg/m <sup>3</sup>
<b>USA OSHA</b>	OSHA PEL (TWA) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> (fume) 15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable fraction)
<b>Activator (CAS No) Proprietary</b>		
<b>USA ACGIH</b>	ACGIH TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
<b>USA NIOSH</b>	NIOSH REL (TWA) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
<b>USA IDLH</b>	US IDLH (mg/m <sup>3</sup> )	25 mg/m <sup>3</sup>
<b>USA OSHA</b>	OSHA PEL (TWA) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
<b>Inorganic Filler (CAS No) Proprietary</b>		
<b>USA ACGIH</b>	ACGIH TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction)
<b>USA NIOSH</b>	NIOSH REL (TWA) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable dust)
<b>USA OSHA</b>	OSHA PEL (TWA) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable fraction)
<b>Antidegradant (CAS No) Proprietary</b>		
<b>USA ACGIH</b>	ACGIH TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> (fume)
<b>USA NIOSH</b>	NIOSH REL (TWA) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> (fume)

### 8.2. Exposure Controls

#### Appropriate Engineering Controls

: Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

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## Personal Protective Equipment

: Protective goggles. Gloves. Protective clothing. Insufficient ventilation: wear respiratory protection.



## Materials for Protective Clothing

: Chemically resistant materials and fabrics.

## Hand Protection

: Wear chemically resistant protective gloves.

## Eye Protection

: Chemical goggles or safety glasses.

## Skin and Body Protection

: Wear suitable protective clothing.

## Respiratory Protection

: Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

## Consumer Exposure Controls

: Do not eat, drink or smoke during use.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

Physical State	: Solid
Appearance	: Black or Dark Gray
Odor	: No data available
Odor Threshold	: No data available
pH	: No data available
Evaporation Rate	: No data available
Melting Point	: No data available
Freezing Point	: No data available
Boiling Point	: No data available
Flash Point	: 500 °F (260 °C)
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor Pressure	: No data available
Relative Vapor Density at 20 °C	: No data available
Specific Gravity	: 1.13 - 1.70
Density	: 1.31 - 2.11 lb/ft <sup>3</sup> (1/4" thk)
Solubility	: Insoluble in water
Partition Coefficient: N-octanol/water	: No data available
Viscosity	: No data available

### 9.2. Other Information

No additional information available

## SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:** Hazardous reactions will not occur under normal conditions.
- 10.2. Chemical Stability:** Stable at standard temperature and pressure.
- 10.3. Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- 10.4. Conditions to Avoid:** Direct sunlight. Extremely high or low temperatures. Ignition sources. Incompatible materials.
- 10.5. Incompatible Materials:** Strong acids, strong bases, strong oxidizers.
- 10.6. Hazardous Decomposition Products:** Carbon oxides (CO, CO<sub>2</sub>). Sulfur oxides. Oxides of zinc. Thermal decomposition generates hydrochloric acid, organohalides, hydrocarbons, soot, toxic gases.

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## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information On Toxicological Effects

Acute Toxicity: Not classified

<b>Carbon black (CAS No) 1333-86-4</b>	
LD50 Oral Rat	> 8000 mg/kg
<b>Activator (CAS No) Proprietary</b>	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rat	> 2000 mg/kg
<b>Tackifier (CAS No) Proprietary</b>	
LD50 Oral Rat	> 5 g/kg
LD50 Dermal Rabbit	> 2 g/kg
<b>Crosslinker (CAS No) Proprietary</b>	
LD50 Oral Rat	> 3000 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg
LC50 Inhalation Rat	> 9.23 mg/l/4h
<b>Antidegradant (CAS No) Proprietary</b>	
LD50 Oral Rat	> 10000 mg/kg
LD50 Dermal Rabbit	> 10000 mg/kg
<b>Accelerator (CAS No) Proprietary</b>	
LD50 Oral Rat	> 12 g/kg
LD50 Dermal Rabbit	> 7940 mg/kg
<b>Plasticizer (CAS No) Proprietary</b>	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rat	> 2000 mg/kg
LC50 Inhalation Rat	2.18 mg/l/4h
<b>Plasticizer (CAS No) Proprietary</b>	
LD50 Oral Rat	> 5000 mg/kg
<b>Accelerator (CAS No) Proprietary</b>	
LD50 Oral Rat	> 10000 mg/kg
<b>Accelerator (CAS No) Proprietary</b>	
LD50 Oral Rat	2010 mg/kg
LD50 Dermal Rabbit	> 5 g/kg
<b>Activator (CAS No) Proprietary</b>	
LD50 Oral Rat	> 2000 mg/kg
LD50 Dermal Rabbit	> 2500 mg/kg
<b>Inorganic Filler (CAS No) Proprietary</b>	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rabbit	> 5000 mg/kg
<b>Accelerator (CAS No) Proprietary</b>	
LD50 Oral Rat	320 mg/kg
LD50 Dermal Rabbit	> 794 mg/kg
<b>Antidegradant (CAS No) Proprietary</b>	
LD50 Oral Rat	> 3750 mg/kg
LD50 Dermal Rabbit	> 3600 mg/kg
<b>Accelerator (CAS No) Proprietary</b>	
LD50 Oral Rat	690 mg/kg
LD50 Dermal Rat	> 2000 mg/kg

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**Skin Corrosion/Irritation:** Not classified

**Serious Eye Damage/Irritation:** Not classified

**Respiratory or Skin Sensitization:** May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** Not classified

<b>Carbon black (CAS No) 1333-86-4</b>	
<b>IARC group</b>	2B
<b>OSHA Hazard Communication Carcinogen List</b>	In OSHA Hazard Communication Carcinogen list.

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** When heated, material emits irritating fumes. Exposure may produce cough mucous secretions, shortness of breath, chest tightness or other symptoms indicative of an allergic/sensitization reaction.

**Symptoms/Injuries After Skin Contact:** May cause an allergic skin reaction.

**Symptoms/Injuries After Eye Contact:** Fumes from thermal decomposition may cause eye irritation.

**Symptoms/Injuries After Ingestion:** Ingestion is likely to be harmful or have adverse effects.

**Chronic Symptoms:** None expected under normal conditions of use.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

<b>Carbon black (CAS No) 1333-86-4</b>	
<b>EC50 Daphnia 1</b>	5600 mg/l (Exposure time: 24 h - Species: Daphnia magna)
<b>Activator (CAS No) Proprietary</b>	
<b>LC50 Fish 1</b>	780 µg/l (Exposure time: 96 h - Species: Pimephales promelas)
<b>EC50 Daphnia 1</b>	0.122 mg/l
<b>NOEC chronic fish</b>	0.026 mg/l (Species: Jordanella floridae)
<b>Crosslinker (CAS No) Proprietary</b>	
<b>LC50 Fish 1</b>	866 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
<b>EC50 Daphnia 1</b>	736 mg/l
<b>LC 50 Fish 2</b>	14 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
<b>Plasticizer (CAS No) Proprietary</b>	
<b>LC50 Fish 1</b>	> 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
<b>EC50 Daphnia 1</b>	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)
<b>Plasticizer (CAS No) Proprietary</b>	
<b>LC50 Fish 1</b>	> 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
<b>EC50 Daphnia 1</b>	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)
<b>Accelerator (CAS No) Proprietary</b>	
<b>LC50 Fish 1</b>	4.4 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
<b>EC50 Daphnia 1</b>	4 mg/l (Exposure time: 48 h - Species: Daphnia magna)
<b>LC 50 Fish 2</b>	1.3 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
<b>Accelerator (CAS No) Proprietary</b>	
<b>LC50 Fish 1</b>	1.2 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
<b>EC50 Daphnia 1</b>	> 22 mg/l (Exposure time: 48 h - Species: Daphnia magna)
<b>LC 50 Fish 2</b>	0.41 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
<b>Activator (CAS No) Proprietary</b>	
<b>LC50 Fish 1</b>	1070 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [static])

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<b>Activator (CAS No) Proprietary</b>	
LC50 Fish 1	21.4 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
EC50 Daphnia 1	9.7 mg/l (Exposure time: 48 h - Species: Daphnia magna)
ErC50 (algae)	18.8 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)

<b>Accelerator (CAS No) Proprietary</b>	
LC50 Fish 1	9.6 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Daphnia 1	17 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC 50 Fish 2	11 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])

<b>Accelerator (CAS No) Proprietary</b>	
LC50 Fish 1	4.2 - 6.8 mg/l (Exposure time: 96 h - Species: Poecilia reticulata [semi-static])
EC50 Daphnia 1	1.4 - 1.8 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC 50 Fish 2	1.8 - 3.2 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])

<b>Accelerator (CAS No) Proprietary</b>	
LC50 Fish 1	9.1 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static])

**12.2. Persistence and Degradability** No additional information available.

**12.3. Bioaccumulative Potential**

<b>Accelerator (CAS No) Proprietary</b>	
Log Pow	4.5

<b>Accelerator (CAS No) Proprietary</b>	
Log Pow	3.4 (at 22 °C)

<b>Activator (CAS No) Proprietary</b>	
BCF fish 1	(no bioaccumulation)

<b>Accelerator (CAS No) Proprietary</b>	
BCF fish 1	< 20
Log Pow	1.69

<b>Accelerator (CAS No) Proprietary</b>	
Log Pow	1.17

**12.4. Mobility in Soil**

<b>Activator (CAS No) Proprietary</b>	
Log Koc	51.05

**12.5. Other Adverse Effects**

**Other Information** : Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

**13.1. Waste treatment methods**

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, and international regulations.

## SECTION 14: TRANSPORT INFORMATION

**14.1. In Accordance with DOT** Not regulated for transport.

**14.2. In Accordance with IMDG** Not regulated for transport.

**14.3. In Accordance with IATA** Not regulated for transport.

## SECTION 15: REGULATORY INFORMATION

**15.1 US Federal Regulations**

Crislip Tank Linings CC4611, CC4624, RC4624; EnduraFlex™ C623BC, C633BN, C643BC, C922BN, CU628BC, RC628BC, VE628BC, VE641BC, VE644BC; Marflex™ CHB50HT, HB50HT, RCHB60HT; Plioweld™ LS581, LS586	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
<b>Carbon black (CAS No) 1333-86-4</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	



# Crislip Tank Linings CC4611, CC4624, RC4624; EnduraFlex™ C623BC, C633BN, C643BC, C922BN, CU628BC, RC628BC, VE628BC, VE641BC, VE644BC; Marflex™ CHB50HT, HB50HT, RCHB60HT; Plioweld™ LS581, LS586

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<b>Activator (CAS No) Proprietary</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Tackifier (CAS No) Proprietary</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Crosslinker (CAS No) Proprietary</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Activator (CAS No) Proprietary</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Antidegradant (CAS No) Proprietary</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Accelerator (CAS No) Proprietary</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Plasticizer (CAS No) Proprietary</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Plasticizer (CAS No) Proprietary</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Accelerator (CAS No) Proprietary</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Accelerator (CAS No) Proprietary</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Activator (CAS No) Proprietary</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Activator (CAS No) Proprietary</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Inorganic Filler (CAS No) Proprietary</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Accelerator (CAS No) Proprietary</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Antidegradant (CAS No) Proprietary</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Accelerator (CAS No) Proprietary</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Accelerator (CAS No) Proprietary</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Elastomer (CAS No) Proprietary</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory

## 15.2 US State Regulations

<b>Carbon black (CAS No) 1333-86-4</b>	
<b>U.S. - California - Proposition 65 - Carcinogens List</b>	WARNING: This product contains chemicals known to the State of California to cause cancer.
<b>Carbon black (CAS No) 1333-86-4</b>	
U.S. - Massachusetts - Right To Know List	
U.S. - New Jersey - Right to Know Hazardous Substance List	
U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances	
U.S. - Pennsylvania - RTK (Right to Know) List	
<b>Activator (CAS No) Proprietary</b>	
U.S. - Massachusetts - Right To Know List	

# Crislip Tank Linings CC4611, CC4624, RC4624; EnduraFlex™ C623BC, C633BN, C643BC, C922BN, CU628BC, RC628BC, VE628BC, VE641BC, VE644BC; Marflex™ CHB50HT, HB50HT, RCHB60HT; Plioweld™ LS581, LS586

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U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List U.S. - Pennsylvania - RTK (Right to Know) List
<b>Crosslinker (CAS No) Proprietary</b>
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
<b>Plasticizer (CAS No) Proprietary</b>
U.S. - Massachusetts - Right To Know List
<b>Activator (CAS No) Proprietary</b>
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
<b>Inorganic Filler (CAS No) Proprietary</b>
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
<b>Antidegradant (CAS No) Proprietary</b>
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

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Revision Date** : 05/06/2019  
**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### GHS Full Text Phrases:

Resp. Sens. 1	Respiratory sensitisation Category 1
Skin Sens. 1	Skin sensitization Category 1
H317	May cause an allergic skin reaction
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled

*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.*

SDS US (GHS HazCom)