

# FX-763CTG Low-Modulus Non-Sag Epoxy

## SAFETY DATA SHEET

This Safety Data Sheet was prepared following the Code of Practice: Preparation of Safety Data Sheets for Hazardous Chemicals from Work Safe Australia and the New Zealand Code of Practice for the Preparation of Safety Data Sheets (SDS) [No. HSNO CoP 8-1 09-06]. This product has been classified according to the hazard criteria of the Globally Harmonized System (GHS) and contains all of the information required by Safe Work Australia and Work Safe New Zealand.

### 1. Identification

#### Product Identification

**Product Identifier:** FX-763CTG  
**Recommended Use:** FX-763CTG is a two-component, low-modulus, non-sag epoxy cartridge for vertical, horizontal, and overhead concrete maintenance application.  
**Use Restrictions:** For industrial use only. To ensure proper installation, use according to package directions. Complete application instructions can be found in Simpson Strong-Tie catalogs or online at [strongtie.com](http://strongtie.com).

#### Company Identification

**Company:** Simpson Strong-Tie Australia Pty Limited  
**Address:** Unit 1/16 Kenoma Place  
Arndell Park, NSW 2148  
Australia  
**Phone:** +612 9831 7700  
**Website:** [www.strongtie.com.au](http://www.strongtie.com.au)  
**Emergency:** 13 11 26

**Company:** Simpson Strong-Tie New Zealand  
**Address:** 52 A Arrenway Drive  
Albany, Auckland 0632  
New Zealand  
**Phone:** +64 9 477 4440  
**Website:** [www.strongtie.co.nz](http://www.strongtie.co.nz)  
**Emergency:** 0800 POISON (0800 764 766)

### 2. Hazard Identification

#### General Information

FX-763CTG Low-Modulus Non-Sag Epoxy Cartridge is a 100% solids epoxy designed for vertical, horizontal, and overhead application for concrete maintenance and repair. It is a two part system (2A:1B mix) packaged as a single unit in a dual cartridge. The two parts of this product have been individually assessed according to the Globally Harmonized System (GHS). Exposure to individual components will only occur with improper use. Product mixing occurs via mixing nozzle while being dispensed. The mixed product can be assumed to carry the hazards of each component until the product has fully hardened. Properly cured product will be solid and can be considered nonhazardous. This Safety Data Sheet covers hazards and responses for FX-763CTG.

#### Component A Epoxy Resin (Opaque Side) GHS Classification

##### Classification according to HazCom2012 (GHS)

<b>Physical Hazards:</b>	Not classified.		
<b>Health Hazards:</b>	Skin Corrosion/Irritation	Category 2	H315: Causes skin irritation
	Serious Eye Damage/Irritation	Category 2	H319: Causes serious eye irritation
	Sensitization, Skin	Category 1	H317: May cause an allergic skin reaction
	Germ Cell Mutagenicity	Category 2	H341: Suspected of causing genetic defects
	STOT, Single Exposure	Category 3	H335: May cause respiratory irritation
<b>Environmental Hazards:</b>	Chronic Aquatic Hazard	Category 2	H411: Toxic to the aquatic life with long lasting effects

**Main Symptoms:** Irritation of eyes and skin. Symptoms include redness, itching, burning, tearing, swelling, and blurred vision. May cause rash/allergic reaction to the skin. May cause shortness of breath, discomfort in chest, or coughing. Long term exposure may cause chronic effects.

##### New Zealand Hazardous Substances and New Organisms Classification

6.3A – Skin Corrosion/Irritation; 6.4A – Serious Eye Damage/Eye Irritation; 6.5B – Skin Sensitization; 6.6B – Germ Cell Mutagenicity; 6.1E – STOT, Single Exposure; 9.1B – Aquatic Toxicity (Chronic)

##### GHS Label Elements



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<b>Contains:</b>	Bisphenol-A-Epichlorohydrin Epoxy Resin, o-Cresyl Glycidyl Ether		
<b>Signal Word:</b>	<b>DANGER!</b>		
<b>Hazard Statements:</b>	H315:	Causes skin irritation.	
	H319:	Causes serious eye irritation.	
	H317:	May cause an allergic skin reaction.	
	H341:	Suspected of causing genetic defects.	
	H335:	May cause respiratory irritation.	
	H411:	Toxic to the aquatic life with long lasting effects.	
<b>Precautionary Statements:</b>			
<b>Prevention:</b>	P201:	Obtain special instructions before use.	
	P202:	Do not handle until all safety precautions have been read and understood.	
	P261:	Avoid breathing dust, mist, or vapor.	
	P264:	Wash thoroughly after handling.	
	P271:	Use only outdoor or in a well-ventilated area.	
	P272:	Contaminated clothing should not be allowed out of the workplace.	
	P273:	Avoid release to the environment.	
	P280:	Wear protective gloves/protective clothing/eye protection/face protection.	
<b>Response:</b>	P302+P352:	IF ON SKIN: Wash with plenty of water.	
	P333+P313:	If skin irritation or rash occurs: Get medical advice/attention.	
	P362+P364:	Take off contaminated clothing and wash before reuse.	
	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.	
	P337+P313:	If eye irritation persists: Get medical advice/attention.	
	P308+P313:	If exposed or concerned: Get medical advice/attention.	
	P391:	Collect spillage.	
<b>Storage:</b>	P403+P233:	Store in a well-ventilated place. Keep container tightly closed.	
	P405:	Store locked up.	
<b>Disposal:</b>	P501:	Dispose of contents/container in accordance with local/regional regulations.	

**Supplemental Label Information:** None known.

### Component B Hardener (Clear Side) GHS Classifications

#### Classification according to HazCom2012 (GHS)

<b>Physical Hazards:</b>	Not classified.		
<b>Health Hazards:</b>	Skin Corrosion/Irritation	Category 1	H314: Causes severe skin burns and eye damage
	Serious Eye Damage/Irritation	Category 1	H318: Causes severe eye damage
	Sensitization, Skin	Category 1	H317: May cause an allergic skin reaction
	Sensitization, Respiratory	Category 1	H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled
	STOT, Single Exposure	Category 3	H335: May cause respiratory irritation
	STOT, Repeated Exposure	Category 2	H373: May cause damage to organs through prolonged and repeated exposure

**Environmental Hazards:** Not classified.

**Main Symptoms:** Damage to the eyes and skin. Symptoms include burns, redness, itching, tearing, swelling, and blurred vision. May cause rash/allergic reaction to the skin. May cause shortness of breath, discomfort in chest, or coughing. Long term exposure may cause chronic effects.

#### New Zealand Hazardous Substances and New Organisms Classification

8.2 – Skin Corrosion/Irritation; 8.3A – Serious Eye Damage/Eye Irritation; 6.5B – Skin Sensitization; 6.5A – Respiratory Sensitization; 6.1E – STOT, Single Exposure; 6.9B – STOT, Repeated Exposure

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### GHS Label Elements



<b>Contains:</b>	Fatty Acid Polyamide Resin; Fatty Acids, tall-oil; Amines
<b>Signal Word:</b>	<b>DANGER!</b>
<b>Hazard Statements:</b>	H314: Causes severe skin burns and eye damage. H318: Causes severe eye damage. H317: May cause an allergic skin reaction. H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335: May cause respiratory irritation. H373: May cause damage to organs through prolonged and repeated exposure.
<b>Precautionary Statements:</b>	
<b>Prevention:</b>	P201: Obtain special instructions before use. P202: Do not handle until all safety precautions have been read and understood. P261: Avoid breathing dust, mist, or vapor. P264: Wash thoroughly after handling. P271: Use only outdoor or in a well-ventilated area. P272: Contaminated clothing should not be allowed out of the workplace. P273: Avoid release to the environment.
<b>Response:</b>	P280: Wear protective gloves/protective clothing/eye protection/face protection. P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P312: Call a POISON CENTER/doctor if you feel unwell. P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P333+P313: If skin irritation or rash occurs: Get medical advice/attention. P363: Wash contaminated clothing before reuse. P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P342+P313: If experiencing respiratory symptoms: Get medical advice/attention. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists: Get medical advice/attention. P308+P313: If exposed or concerned: Get medical advice/attention.
<b>Storage:</b>	P391: Collect spillage. P403+P233: Store in a well-ventilated place. Keep container tightly closed.
<b>Disposal:</b>	P405: Store locked up. P501: Dispose of contents/container in accordance with local/regional regulations.

**Supplemental Label Information:** None.

### Hazards Not Otherwise Classified (HNOC)

None known.

## 3. Composition Information

### General Information

This product is a mixture. Hazardous ingredients for each component are listed below. May include other nonhazardous ingredients. May include other trace ingredients, see Section 15.

#### List of abbreviations and symbols:

Classification: Global Harmonized System Classifications

*The full text for H-phrases is displayed in section 16. All concentrations are in percent by weight unless otherwise noted.*

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### Component A Epoxy Resin (Opaque Side)

Chemical Name	Weight %	CAS Number	EC Number
Bisphenol-A Based Epoxy Resin	60-90	25068-38-6	500-033-5
<b>Classifications:</b> Skin Irrit. 2: H315, Eye Irrit. 2: H319, Skin Sens. 1: H317, STOT SE 3: H335, Aquatic Chronic 2: H411			
o-Cresyl Glycidyl Ether	1-10	2210-79-9	218-645-3
<b>Classifications:</b> Skin Irrit. 2: H315, Skin Sens. 1: H317, GCM 2: H341, Aquatic Chronic 2: H411			

### Component B Hardener (Clear Side)

Chemical Name	Weight %	CAS Number	EC Number
Fatty Acid Polyamide Resin	30-50	68410-23-1	614-452-7
<b>Classifications:</b> Skin Irrit. 2: H315, Eye Corr. 1: H318, Skin Sens. 1: H317, STOT SE 3: H335, STOT RE 2: H373			
Fatty acids, tall-oil, reaction products with tetraethylenepentamine	< 40	68953-36-6	273-201-6
<b>Classifications:</b> Skin Sens. 1: H317, Eye Irrit. 2: H319, STOT SE 3: H335			
Bisphenol-A	< 5	80-05-7	201-245-8
<b>Classifications:</b> Eye Corr. 1: H318, Skin Sens. 1: H317, Repr. 2: H361, STOT SE 3: H335			
Triethylenetetramine	1-5	112-24-3	203-950-6
<b>Classifications:</b> Acute Tox. 4: H302+H312, Skin Corr. 1: H314, Skin Sens. 1: H317			
Tetraethylenepentamine	< 5	112-57-2	203-986-2
<b>Classifications:</b> Acute Tox. 4: H312, Skin Corr. 1: H314, Eye Corr. 1: H318, Resp. Sens. 1: H334, Aquatic Chronic 2: H411			
2,4,6-tris(dimethylaminomethyl)phenol	< 5	90-72-2	202-013-9
<b>Classifications:</b> Acute Tox. 4: H302, Skin Irrit. 2: H315, Eye Irrit. 2: H319, Skin Sens. 1: H317			

## 4. First-Aid Measures

### General Information

Provide general supportive measures and treat symptomatically. Symptoms may be delayed. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. If exposed or concerned: Get medical advice/attention. Wash contaminated clothing before reuse.

### Routes of Exposure

<b>Eye Contact:</b>	Immediately flush eyes with plenty of cool water for at least 15 minutes while holding the eyes open. Remove contact lenses if present and easy to do. If redness, burning, blurred vision, or swelling persists, <b>consult a physician immediately.</b>
<b>Skin Contact:</b>	Remove contaminated clothing and product, immediately wash affected area with soap and water. Do not apply greases or ointments. Chemical burns must be treated by a physician. If rash or irritation persists, <b>consult a physician.</b>
<b>Ingestion:</b>	Rinse mouth immediately. Do not induce vomiting unless told to do so by a poison control center or doctor. If vomiting occurs keep head low so that stomach contents don't get into the lungs. Never give anything by mouth to an unconscious person. <b>Consult a physician.</b>
<b>Inhalation:</b>	If breathing is difficult remove patient to fresh air and keep at rest in a position comfortable for breathing. Give oxygen or artificial respiration if needed. If patient continues to experience difficulty breathing, <b>consult a physician.</b>

### Most Important Symptoms

Damage to the eyes and skin. Symptoms include burns, redness, itching, tearing, swelling, and blurred vision. Rash/dermatitis. May cause shortness of breath, discomfort in chest, or coughing. Permanent eye damage including blindness could result.

## 5. Fire-Fighting Measures

<b>Suitable Extinguishing Media:</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Additional Information:</b>	Do not use water jet as extinguisher as this will spread the fire.
<b>Hazards during Fire-Fighting:</b>	During a fire, gases hazardous to health may be formed. Do not allow run-off from fire-fighting to enter drains or water courses.
<b>Fire-Fighting Procedures:</b>	Use standard fire-fighting procedures and consider the hazards of other involved materials. In case of fire and/or explosion do not breathe fumes. Self-contained breathing apparatus and full protective clothing must be worn. Move containers from fire area if you can do so without risk. Cool containers with flooding quantities of water until well after fire is out. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.

## 6. Accidental Release Measures

### Personal Precautions

**Non-emergency personnel:** Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep unnecessary personnel away. Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid inhalation of vapors or mists. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.

**Emergency personnel:** Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate personal protection.

### Clean-Up Methods

- Small spills:** Wipe up with absorbent material (e.g. cloth, fleece). Place in leak-proof containers. Seal tightly for proper disposal. Clean surface thoroughly to remove residual contamination.
- Large spills:** Stop the flow of material, if this is without risk. Dike far ahead of spill to contain material. Use a non-combustible material like vermiculite, sand or earth to soak up the product. Place in leak-proof containers. Seal tightly for proper disposal. Following product recovery, flush area with water. Prevent entry into waterways, sewer, basements or confined areas.
- Cured Material:** Chip or grind off surface. If you are grinding or cutting cured product, ensure good work practice and use of personal protective equipment as needed to control exposure to respirable dust.

### Environmental Precautions

Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so.

## 7. Handling and Storage

### Handling

Mechanical ventilation or local exhaust ventilation is recommended. Keep away from open flames, hot surfaces and sources of ignition. Wear appropriate personal protective equipment. Avoid contact with eyes, skin, and clothing. Do not taste or swallow. Avoid prolonged exposure. Provide adequate ventilation. Avoid breathing fumes or vapors. When in use do not eat, drink, or smoke. Wash thoroughly after handling. Wash contaminated clothing before reuse. Avoid contact during pregnancy/while nursing. Observe good industrial hygiene practices. Do not empty into drains, avoid release to the environment.

### Storage

Store locked up. Store away from incompatible materials. Keep containers tightly closed in a cool, dry, well-ventilated place. Protect against physical damage. Keep out of the reach of children.

## 8. Exposure Controls / Personal Protection

### Personal Protective Equipment

- Protective Measure:** Wear appropriate personal protective equipment.
- Eye Protection:** Wear chemical splash goggles or safety glasses with side shield. Face shield is recommended when splashing is probable.
- Hand Protection:** Wear chemical-resistant gloves such as: Nitrile, neoprene, or butyl rubber.
- Skin and Body Protection:** Avoid contact with skin, wear long sleeve shirt/long pants and other clothing as required to minimize contact.
- Respirator Protection:** If engineering controls do not maintain airborne concentrations below recommended exposure limits, or if discomfort is experienced, an approved respirator should be worn.
- General Hygiene:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

### Engineering Controls

Mechanical ventilation or local exhaust ventilation is recommended, 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. Provide eyewash station and emergency shower.

### Exposure Limits

No exposure limits noted for ingredients.

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### 9. Physical and Chemical Properties

Property	Resin	Hardener
Physical State:	Liquid, Paste	Liquid, Paste
Color:	Opaque	Clear
Odor:	Sweet	Ammonia
pH:	No data	No data
Flammability limit – lower %:	No data	No data
Flammability limit – upper %:	No data	No data
Vapor Pressure:	Non-volatile	No data
Vapor Density:	No data	No data
Solubility:	Insoluble in water	Slightly soluble in water
Freezing/Melting Point:	No data	No data
Boiling Point:	>478°F (>248°C)	No data
Flash Point:	>250°F (>121°C)	230°F (110°C)
Evaporation Rate:	No data	No data
Decomposition Temperature:	No data	No data
Specific Gravity:	1.52 at 72°F (22°C)	1.3
VOC (A+B):	3 g/L	3 g/L
Kow:	No data	No data
Viscosity:	No data	No data
Corrosiveness:	Non-corrosive	Corrosive

### 10. Stability and Reactivity

Reactivity:	Stable and non-reactive under normal conditions of use, storage, and transport.
Chemical Stability:	Stable and non-reactive under normal conditions of use and storage.
Condition to Avoid:	Avoid temperatures exceeding the flash point, contact with incompatible materials.
Substances to Avoid:	Oxidizing agents and acids.
Hazardous Reactions:	No dangerous reactions known under condition of normal use.
Decomposition Products:	No hazardous decomposition products are known. Fire or high temperature can create: carbon dioxide, carbon monoxide, oxides of nitrogen, and other organic compounds.

### 11. Toxicological Information

#### Likely Routes of Exposure

Ingestion:	Not expected to be acutely toxic. Corrosive. Do NOT induce vomiting.
Inhalation:	May cause irritation to the respiratory tract.
Skin contact:	Causes severe skin burns. May cause an allergic skin reaction.
Eye contact:	Causes severe eye damage.
Symptoms:	Irritation of nose and throat. Rash. Burns, stinging, tearing, redness, swelling, and blurred vision; coughing, discomfort in the chest, or shortness of breath.

#### Information on Toxicological Effects

##### Acute Effects

Toxicity:	Not expected to be acutely toxic.
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Component	Estimate
FX-763CTG Component A Toxicity Estimate	<b>Acute, Oral, LD50</b> > 5000
	<b>Acute, Dermal, LD50</b> > 2000
FX-763CTG Component B Toxicity Estimate	<b>Acute, Oral, LD50</b> > 4000
	<b>Acute, Dermal, LD50</b> > 2000

Component	Species	Test Result
Bisphenol-A Based Epoxy Resin (CAS 25068-38-6)	Rat	11400 mg/kg
	Rabbit	2000 mg/kg
Tetraethylenepentamine (CAS 112-57-2)	Rat	3900 mg/kg



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Component	Species	Test Result
o-Cresyl Glycidyl Ether (CAS 2210-79-9)		
<b>Acute, Oral</b> , LD50	Rat	4000 mg/kg
<b>Acute, Dermal</b> , LD50	Rabbit	> 2100 mg/kg
<b>Acute, Inhalation</b> , LC50	Rat	6 mg/l, 4 hours
Fatty Acid Polyamide Resin (CAS 68410-23-1)		
<b>Acute, Oral</b> , LD50	Rat	> 5000 mg/kg
<b>Acute, Dermal</b> , LD50	Rabbit	> 5000 mg/kg
Bisphenol-A (CAS 80-05-7)		
<b>Acute, Oral</b> , LD50	Rat	3600 mg/kg
Triethylenetetramine (CAS 112-24-3)		
<b>Acute, Oral</b> , LD50	Rat	1716 mg/kg
<b>Acute, Dermal</b> , LD50	Rabbit	1465 mg/kg

<b>Skin corrosion/irritation:</b>	Causes skin burns.
<b>Eye damage/eye irritation:</b>	Causes severe eye damage.
<b>Respiratory sensitization:</b>	Not a respiratory sensitizer.
<b>Skin sensitization:</b>	May cause sensitization by skin contact.
<b>Aspiration hazard:</b>	Not expected to be an aspiration hazard.
<b>Specific target organ toxicity</b>	
<b>Single exposure:</b>	Respiratory tract irritation.
<b>Chronic Effects</b>	
<b>Germ cell mutagenicity:</b>	Limited evidence of irreversible damage.
<b>Carcinogenicity:</b>	No data available to indicate product or any components present at greater than 0.1% are carcinogenic.
<b>Reproductive toxicity:</b>	Limited evidence that exposure may damage fertility or the fetus.
<b>Specific target organ toxicity</b>	
<b>Repeated exposure:</b>	May cause damage to organs (central nervous system) with prolonged or repeated exposure.

Carcinogen / Reproductive Toxin / Mutagen Information					
Component	% In Blend (approx.)	IARC Monographs	NTP	ACGIH	Other
Bisphenol-A (CAS 80-05-7)	< 5	---	---	---	CA65
IARC: 1- Carcinogenic 2- Possibly carcinogenic 3 - Not classifiable as to carcinogenicity 4 - Probably not carcinogenic NTP: Known to be human carcinogen or Reasonably anticipated to be a human carcinogen ACGIH - A1 - Confirmed carcinogen A2 - Suspected carcinogen A3 - Animal carcinogen A4 - Not classified A5 - Not suspected CA65 - California Prop 65					

### Further Information

Toxicological, ecotoxicological, physical, and chemical properties may not have been fully investigated. Hazard data above is estimated based on best available information. Some workers with certain pre-existing medical conditions such as: asthma, allergies, or impaired pulmonary and/or liver functions, or who may be particularly susceptible to this material, may be affected by exposure to this material.

## 12. Ecological Information

### General Information

Information given is based on data on the components and the ecotoxicology of similar products. The product is classified as toxic to aquatic life with long lasting effects. Avoid release to the environment.

### Supporting Data

Chemical	Species	Test Result
Bisphenol-A Based Epoxy Resin (CAS 25068-38-6)		
<b>Aquatic</b> , Fish, LC50	Salmo gairdneri	1.5 mg/l, 96 hours
<b>Aquatic</b> , Crustacea, EC50	Daphnia magna	2.7 mg/l, 48 hours
Bisphenol-A (CAS 80-05-7)		
<b>Aquatic</b> , Fish, LC50	Fathead Minnow	3.6-5.4 mg/l, 96 hours
<b>Aquatic</b> , Crustacea, EC50	Daphnia magna	9.2-11.4 mg/l, 48 hours

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Chemical	Species	Test Result
o-Cresyl Glycidyl Ether (CAS 2210-79-9)	Aquatic, Fish, LC50	Fish 2.8-5.1 mg/l, 96 hours
	Aquatic, Crustacea, EC50	Invertebrate 2.8 mg/l, 48 hours
	Aquatic, Algae, EC50	Algae 5.1 mg/l, 72 hours

**Persistence and degradability:** Not expected to be readily biodegradable.

**Bioaccumulative potential:** Not expected to bioaccumulate.

Chemical	LogPow	BCF	Bioaccumulation Potential
BPA Based Epoxy Resin (CAS 25068-38-6)	2.64-3.78	3-31	low
o-Cresyl Glycidyl Ether (CAS 2210-79-9)	2.5	---	---
Fatty Acid Polyamide Resin (CAS 68410-23-1)	---	492.00	low
Triethylenetetramine (CAS 112-24-3)	-1.66 – -1.4		low

**Mobility in soil:** No data available.

### Other Adverse Effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this product.

### 13. Disposal Considerations

**Waste Disposal of Substance:** Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Container Disposal:** Empty containers or liners may retain some product residues; follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

**Disposal of Cured Product:** Chip or grind off surface. Solid material does not need special disposal consideration.

### 14. Transportation Information

Check limited quantity regulations prior to shipping, cartridges may qualify for LQ shipping exemptions.

	<u>Component A</u>	<u>Component B</u>
UN number:	UN3082	UN2735
UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol-A Epichlorohydrin Resin), 9, III, Marine Pollutant	AMINES, LIQUID, CORROSIVE, N.O.S. (Polyamindoamine), 8, II, Marine Pollutant
Transportation Class:	9	8
Precautions:	Other Hazard	Corrosive
Packing Group:	III	II
Environment Hazard:	Yes	Yes
Required Labels:	9	8
ERG Code (IATA):	9L	8L
EmS (IMDG):	F-A, S-F	F-A, S-B

### Additional Information

**Special precautions for user:** Read safety instructions, SDS and emergency procedures before handling.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:**

This substance/mixture is not intended to be transported in bulk.

This information does not cover all specific regulatory or operational requirements of this product. The classifications for transportation may vary by container volume or different regional or national regulations.

### 15. Regulatory Information

#### United States

**Federal Regulations:** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.



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**TSCA (Toxic Substances Control Act):** All components are on the TSCA inventory.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D):** Not regulated.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):** Not listed.

**CERCLA Hazardous Substance List (40 CFR 302.4):** Not listed.

### Australia

This SDS was prepared following the Code of Practice: Preparation of Safety Data Sheets for Hazardous Chemicals from Work Safe Australia. This product has been classified according to the hazard criteria of GHS and contains all of the information required by WHS.

Australian Inventory of Chemical Substances (AICS)	
Chemical	Registration Status
Bisphenol-A Based Epoxy Resin (CAS 25068-38-6)	Hazardous Substance IMAP – Tier II – Human Health
o-Cresyl Glycidyl Ether (CAS 2210-79-9)	Hazardous Substance IMAP – Tier II – Human Health
Fatty Acid Polyamide Resin (CAS 68410-23-1)	Hazardous Substance
Fatty acids, tall-oil, reaction products with tetraethylenepentamine (CAS 68953-36-6)	Hazardous Substance
Bisphenol-A (CAS 80-05-7)	Hazardous Substance IMAP – Tier II – Human Health
Triethylenetetramine (CAS 112-24-3)	Hazardous Substance IMAP – Tier II – Human Health
Tetraethylenepentamine (CAS 112-57-2)	Hazardous Substance IMAP – Tier II – Human Health
2,4,6-tris(dimethylaminomethyl)phenol (CAS 90-72-2)	Hazardous Substance

### New Zealand

New Zealand Code of Practice for the Preparation of Safety Data Sheets (SDS) [No. HSNO CoP 8-1 09-06].

Classified as hazardous according to the Hazardous Substances (minimum Degrees of Hazard) Regulations 2001.

New Zealand Inventory of Chemicals (NZIoC)	
Chemical	Registration Status
Bisphenol-A Based Epoxy Resin (CAS 25068-38-6)	HSNO Approved (HSR003180)
o-Cresyl Glycidyl Ether (CAS 2210-79-9)	HSNO Approved (HSR007257)
Fatty Acid Polyamide Resin (CAS 68410-23-1)	HSNO Approved (HSR007348)
Fatty acids, tall-oil, reaction products with tetraethylenepentamine (CAS 68953-36-6)	May be used as a single component under an appropriate group standard.
Bisphenol-A (CAS 80-05-7)	HSNO Approved (HSR003399)
Triethylenetetramine (CAS 112-24-3)	HSNO Approved (HSR003570)
Tetraethylenepentamine (CAS 112-57-2)	HSNO Approved (HSR003219)
2,4,6-tris(dimethylaminomethyl)phenol (CAS 90-72-2)	HSNO Approved (HSR003549)

### South Africa National Regulations

Simpson Strong-Tie South Africa is a subsidiary of Simpson Strong-Tie Australia and relies on the parent company to support many of the services it provides, one of these services is Safety Data Sheets (SDS). This SDS contains all of the relevant information required for the South African market, with the exception of the following information.

# FX-763CTG Low-Modulus Non-Sag Epoxy

## SAFETY DATA SHEET

Local contact information for South African Poisons Centre – Phone: 0219 316129 or 021 6895227

Local Contact for Simpson Strong-Tie who has access to the SDS sheets - Houston Hank – Phone: 0873 540629

**REGISTERED OFFICE:** Unit 5, Fairway Business Park, Stibitz Street  
Westlake Business Park, Westlake 7945  
Cape Town, Western Province  
**POSTAL ADDRESS:** PO Box 281 Bergvliet 7864  
**PHONE:** 0873540629  
**DIRECTORS:** Brian Magstadt & Herbert Kuhn  
**REGISTRATION #:** 2012/052288/07  
**VAT #:** 4190262362

### International

The product is classified and labeled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.

REACH Registered Substances			
Chemical	CAS Number	EC Number	Index Number
Bisphenol-A-Epichlorohydrin Epoxy Resin	25068-38-6	500-033-5	603-074-00-8
o-Cresyl Glycidyl Ether	2210-79-9	218-645-3	603-056-00-X
Bisphenol-A	80-05-7	201-245-8	604-030-00-0
Tetraethylenepentamine	112-57-2	203-986-2	612-060-00-0
Triethylenetetramine	112-24-3	203-950-6	612-059-00-5
2,4,6-tris(dimethylaminomethyl)phenol	90-72-2	202-013-9	603-069-00-0

This product is not subject to or not applicable for any of the following International Regulations; **Stockholm Convention, Rotterdam Convention, Kyoto Protocol, Montreal Protocol, Basel Convention.**

### International Inventories

<b>Australia</b>	All component of this product are listed on the Australian Inventory of Chemical Substances (AICS).
<b>Canada</b>	All components of this product are included on the Canadian Domestic Substances List (DSL).
<b>China</b>	All components of this product are listed on the Inventory of Existing Chemical Substances in China (IECSC).
<b>Europe</b>	All components of this product are included on the European Inventory of Existing Commercial Chemical Substances (EINECS) or are exempt from listing.
<b>Japan</b>	One or more components of this product are not listed on the Inventory of Existing and New Chemical Substances (ENCS).
<b>Korea</b>	All components of this product are included on the Existing Chemicals List (ECL).
<b>New Zealand</b>	All components of this product are included on the New Zealand Inventory.
<b>Philippines</b>	All components in this product are listed in the Philippine Inventory of Chemicals and Chemical Substances (PICCS).
<b>United States &amp; Puerto Rico</b>	All components of this product are listed on the Toxic Substances Control Act (TSCA) Inventory or are not required to be listed.

### 16. Other Information

**Date Prepared or Revised:** August 2016  
**Supersedes:** January 2016

Contact Simpson Strong-Tie Environmental Health and Safety at [EHS@strongtie.com](mailto:EHS@strongtie.com).

### Abbreviations

**ACGIH:** American Conference of Governmental Industrial Hygienists

**FX-763CTG Low-Modulus Non-Sag Epoxy****SAFETY DATA SHEET**

<b>CAS No.:</b>	Chemical Abstract Service Registry Number
<b>CERCLA:</b>	Comprehensive Environmental Response, Compensation and Liability Act (U.S. EPA)
<b>GHS:</b>	Globally Harmonized System of Classification and Labeling of Chemicals
<b>HSNO:</b>	Hazardous Substances and New Organisms
<b>IARC:</b>	International Agency for Research on Cancer
<b>IATA:</b>	International Air Transport Association
<b>IMDG:</b>	International Maritime Dangerous Goods code
<b>NIOSH:</b>	National Institute of Occupational Safety and Health (U.S.)
<b>NTP:</b>	National Toxicology Program (US)
<b>OELS:</b>	Occupational Exposure Limits
<b>STEL:</b>	Short Term Exposure Limit (15 minute Time Weighted Average)
<b>STOT:</b>	Specific Target Organ Toxicity (GHS Classification)
<b>TLV:</b>	Threshold Limit Value
<b>TSCA:</b>	Toxic Substances Control Act (U.S.)
<b>TWA:</b>	Time Weighted Average (exposure for 8-hour workday)
<b>VOC:</b>	Volatile Organic Compounds
<b>WES:</b>	Workplace Exposure Standards

**Full Text of H – Phrases Under Section 3**

<b>H302:</b>	Harmful if swallowed.
<b>H312:</b>	Harmful in contact with skin.
<b>H314:</b>	Causes severe skin burns and eye damage.
<b>H315:</b>	Causes skin irritation.
<b>H317:</b>	May cause an allergic skin reaction.
<b>H318:</b>	Causes severe eye damage.
<b>H319:</b>	Causes serious eye irritation.
<b>H330:</b>	Fatal if inhaled.
<b>H335:</b>	May cause respiratory irritation.
<b>H341:</b>	Suspected of causing genetic defects.
<b>H350:</b>	May cause cancer.
<b>H351:</b>	Suspected of causing cancer.
<b>H361:</b>	Suspected of causing damage to fertility or the unborn child.
<b>H373:</b>	May cause damage to organs through prolonged or repeated exposure.
<b>H402:</b>	Harmful to aquatic life.
<b>H411:</b>	Toxic to aquatic life with long lasting effects.
<b>H412:</b>	Harmful to aquatic life with long lasting results.

**Disclaimer**

Safety Data Sheet (SDS) is prepared by Simpson Strong-Tie Co. in compliance with the requirements of OSHA 29 CFR Part 1910.1200. The information it contains is offered in good faith as accurate as of the date of this SDS. This SDS is provided solely for the purpose of conveying health, safety, and environmental information. No warranty, expressed or implied, is given. Health and Safety precautions may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations.

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