

# FX-763 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

<b>Product Identifier:</b>	<b>A Component FX-763</b>
<b>Recommended Use:</b>	FX-763 is a two-component, low-modulus, non-sag epoxy for vertical, horizontal, and overhead concrete maintenance application.
<b>Use Restrictions:</b>	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 <a href="http://strongtie.com">strongtie.com</a> .

#### 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-763 Low-Modulus Non-Sag Epoxy 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). The two parts of this product have been individually assessed according to the Globally Harmonized System (GHS). 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 Component A. See Component B Safety Data Sheet for complete product information.

#### Component A 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
	<b>Main Symptoms:</b>	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



Exclamation Point    Chronic Health    Environmental Hazard

**Contains:** Bisphenol-A-Epichlorohydrin Epoxy Resin, o-Cresyl Glycidyl Ether

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**Signal Word:** DANGER!  
**Hazard Statements:**  
 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.

**Precautionary Statements:**

**Prevention:**  
 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.

**Response:**  
 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.

**Storage:**  
 P403+P233: Store in a well-ventilated place. Keep container tightly closed.

**Disposal:**  
 P405: Store locked up.  
 P501: Dispose of contents/container in accordance with local/regional regulations.

**Supplemental Label Information:** None.

**Hazards Not Otherwise Classified (HNOC)**

The above hazards are for the uncured A component of FX-763. Upon combination with the B component, an innocuous solid is formed, which does not present any immediate hazards. Upon grinding or cutting through the cured product, the following hazards may apply. Ensure that good work practices, and the necessary precautionary measures, are taken to maintain safe use of the product.



Chronic Health

**Health Hazard:** Carcinogenicity Category 1A  
**Hazard Statement:** May cause cancer.  
**Precautionary Statement:** Do not breathe dust.

### 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: Globally Harmonized System Classifications

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

**Composition – All concentrations are in percent by weight unless otherwise indicated.**

Chemical Name	Weight %	CAS Number	EC Number
Bisphenol-A-Epichlorohydrin 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			

#### 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

**Eye Contact:** 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, **consult a physician.**

**Skin Contact:** Remove contaminated clothing and product, immediately wash affected area with soap and water. Do not apply greases or ointments. If rash or irritation persists, **consult a physician.**

**Ingestion:** 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. **Consult a physician.**

**Inhalation:** 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, **consult a physician.**

##### Most Important Symptoms

Irritation of eyes and skin. Symptoms include redness, itching, burning, tearing, swelling, and blurred vision; shortness of breath, discomfort in chest, or coughing. Rash/dermatitis.

#### 5. Fire-Fighting Measures

**Suitable Extinguishing Media:** Extinguish with foam, carbon dioxide, dry powder, or water fog.

**Additional Information:** None known.

**Hazards during Fire-Fighting:** Hazardous decomposition products may occur when materials polymerize at temperatures above 500°F (260°C). Do not allow run-off from fire-fighting to enter drains or water courses.

**Fire-Fighting Procedures:** 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 (uncured):** 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 (uncured):** 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.

**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.

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Wear appropriate personal protective equipment. Pregnant women should not work with the product, if there is the least risk of exposure. When using, do not eat, drink or smoke. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Observe good industrial hygiene practices.

### Storage

Store in a closed container away from incompatible materials (Section 10 of the SDS). Keep in original container. Keep container tightly closed. Store in a cool, dry place out of direct sunlight. Keep away from heat and sources of ignition. Store in a well-ventilated place. Protect against physical damage. Keep out of the reach of children.

## 8. Exposure Controls / Personal Protection

### Personal Protective Equipment

<b>Protective Measure:</b>	Wear appropriate personal protective equipment.
<b>Eye Protection:</b>	Wear chemical splash goggles or safety glasses with side shield. Face shield is recommended where splashing is probable.
<b>Hand Protection:</b>	Wear chemical-resistant gloves such as: Nitrile, neoprene, or butyl rubber.
<b>Skin and Body Protection:</b>	Avoid contact with skin, wear long sleeve shirt/long pants and other clothing as required to minimize contact.
<b>Respirator Protection:</b>	If engineering controls do not maintain airborne concentrations below recommended exposure limits, or if discomfort is experienced, an approved respirator should be worn.
<b>General Hygiene:</b>	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

If exposure limits have not been established, maintain airborne levels to an acceptable level. When using indoors good general ventilation should be used. Provide eyewash station and emergency shower.

### Exposure Limits

No exposure limits noted for ingredients.

## 9. Physical and Chemical Properties

<b>Physical State:</b>	Liquid	<b>Freezing/Melting Point:</b>	N/A
<b>Form:</b>	Paste	<b>Boiling Point:</b>	>478°F (>248°C)
<b>Color:</b>	Opaque	<b>Flash Point:</b>	>250°F (>121°C)
<b>Odor:</b>	Sweet	<b>Evaporation Rate:</b>	N/E
<b>Odor Threshold:</b>	N/E	<b>Specific Gravity:</b>	1.15
<b>pH:</b>	N/E	<b>VOC (A+B):</b>	3 g/L
<b>Flammability:</b>	N/E	<b>U/L Flammability:</b>	N/E
<b>Vapor Pressure:</b>	Not Volatile	<b>Vapor Density:</b>	N/E
<b>Solubility:</b>	Insoluble	<b>Kow:</b>	N/E
<b>Decomposition:</b>	N/E	<b>Viscosity:</b>	N/E

## 10. Stability and Reactivity

<b>Reactivity:</b>	This product is stable and non-reactive under normal conditions.
<b>Chemical Stability:</b>	Stable under normal storage conditions.
<b>Condition to Avoid:</b>	High heat and open flame.
<b>Substances to Avoid:</b>	Oxidizing agents, acids, organic bases, and amines.
<b>Hazardous Reactions:</b>	Hazardous polymerization will not occur.
<b>Decomposition Products:</b>	Carbon dioxide, carbon monoxide, oxides of nitrogen and other organic compounds.

## 11. Toxicological Information

### Likely Routes of Exposure

<b>Ingestion:</b>	Expected to be a low ingestion hazard; ingestion may cause irritation to the respiratory tract.
<b>Inhalation:</b>	This material is a viscous liquid to semi-solid which does not easily form vapors. If heated vapors may cause irritation to nose and respiratory tract.
<b>Skin contact:</b>	Causes skin irritation. May cause sensitization by skin contact.
<b>Eye contact:</b>	Causes serious eye irritation.
<b>Symptoms:</b>	Redness, itching, burning, tearing, swelling, and blurred vision; shortness of breath, discomfort in chest, or coughing. Rash/dermatitis.

**Information on Toxicological Effects**

**Acute Effects**

**Toxicity:** Not expected to be acutely toxic.

Component	Estimate
FX-763 Component A Toxicity Estimate	
<b>Acute, Oral, LD50</b>	> 5000
<b>Acute, Dermal, LD50</b>	> 2000

Component	Species	Test Result
Bisphenol-A-Epichlorohydrin Epoxy Resin (CAS 25068-38-6)	<b>Acute, Oral, LD50</b>	Rat 11400 mg/kg
	<b>Acute, Dermal, LD50</b>	Rabbit 2000 mg/kg
o-Cresyl Glycidyl Ether (CAS 2210-79-9)	<b>Acute, Oral, LD50</b>	Rat 4000 mg/kg
	<b>Acute, Dermal, LD50</b>	Rabbit > 2100 mg/kg
	<b>Acute, Inhalation, LC50</b>	Rat 6 mg/l, 4 hours

**Skin corrosion/irritation:** Causes skin irritation.  
**Eye damage/eye irritation:** Causes serious eye irritation.  
**Respiratory sensitization:** Not a respiratory sensitizer.  
**Skin sensitization:** May cause sensitization by skin contact.  
**Aspiration hazard:** Not expected to be an aspiration hazard.  
**Specific target organ toxicity  
 Single exposure:** May cause respiratory irritation.

**Chronic Effects**

**Germ cell mutagenicity:** Limited evidence of irreversible damage.  
**Carcinogenicity:** The B component of this product contains components that are listed as carcinogens. These components are considered carcinogens only in their respirable form. Due to the nature of this product, inhalation is highly unlikely. Exposure to respirable carcinogens is likely only when grinding or cutting cured product. Ensure good work practice and use of personal protective equipment as needed to control exposure to processing dust.

**Reproductive toxicity:** No data available.  
**Specific target organ toxicity  
 Repeated exposure:** No data available.

**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-Epichlorohydrin Epoxy Resin (CAS 25068-38-6)	<b>Aquatic, Fish, LC50</b>	Salmo gairdneri 1.5 mg/l, 96 hours
	<b>Aquatic, Crustacea, EC50</b>	Daphnia magna 2.7 mg/l, 48 hours
	<b>Aquatic, Fish, LC50</b>	Fish 2.8-5.1 mg/l, 96 hours
o-Cresyl Glycidyl Ether (CAS 2210-79-9)	<b>Aquatic, Crustacea, EC50</b>	Invertebrate 2.8 mg/l, 48 hours
	<b>Aquatic, Algae, EC50</b>	Algae 5.1 mg/l, 72 hours

**Persistence and**

**degradability:** This product is not expected to be readily biodegradable.

**Bioaccumulative potential:** No data available for this product.

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**in soil:** This product is insoluble in non-volatile.

Chemical	LogPow	BCF	Bioaccumulation Potential
Bisphenol-A-Epichlorohydrin Epoxy Resin (CAS 25068-38-6)	2.64-3.78	3-31	low
o-Cresyl Glycidyl Ether (CAS 2210-79-9)	2.5	---	---

**Mobility**  
product is water and is

**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**

FX-763 Component A is not regulated for ground transportation by the USDOT. Check limited quantity regulations prior to shipping, smaller volumes may qualify for LQ shipping exemptions.

- UN number:** UN3082
- UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol-A-Epichlorohydrin Resin), 9, III, Marine Pollutant
- Transportation Class:** 9
- Precautions:** Other Hazard
- Packing Group:** III
- Environment Hazard:** Yes
- Required Labels:** 9
- ERG Code (IATA):** 9L
- EmS (IMDG):** F-A, S-F

**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.
- 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.

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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

### 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
BPA Based Epoxy Resin (CAS 25068-38-6)	HSNO Approved (HSR003180)
o-Cresyl Glycidyl Ether (CAS 2210-79-9)	HSNO Approved (HSR007257)

### 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.

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. Young people under 18 years old are not allowed to work with this product according to EU Directive 94/33/EC on the protection of young people at work.

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

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 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.

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<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>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:** March 2017  
**Supersedes:** February 2016  
**Contact Simpson Strong-Tie Environmental Health and Safety at [EHS@strongtie.com](mailto:EHS@strongtie.com).**

### Abbreviations

<b>ACGIH:</b>	American Conference of Governmental Industrial Hygienists
<b>CAS No.:</b>	Chemical Abstract Service Registry Number
<b>CERCLA:</b>	Comprehensive Environmental Response, Compensation and Liability Act (U.S. EPA)
<b>HPR:</b>	Hazardous Product Regulations (Canada)
<b>GHS:</b>	Globally Harmonized System of Classification and Labeling of Chemicals
<b>HMIS:</b>	Hazardous Materials Identification System
<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>NFPA:</b>	National Fire Protection Association (US)
<b>NTP:</b>	National Toxicology Program (US)
<b>PEL:</b>	Permissible Exposure Limit
<b>SARA:</b>	Superfund Amendments and Reauthorization Act (U.S. EPA)
<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>WHMIS:</b>	Canadian Workplace Hazardous Materials Information System

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

<b>H315:</b>	Causes skin irritation.
<b>H317:</b>	May cause an allergic skin reaction.
<b>H319:</b>	Causes serious eye irritation.
<b>H335:</b>	May cause respiratory irritation.
<b>H341:</b>	Suspected of causing genetic defects.
<b>H411:</b>	Toxic to aquatic life with long lasting effects.

### Disclaimer

Safety Data Sheet (SDS) is prepared by Simpson Strong-Tie Co. 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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**1. Identification**

**Product Identification**

**Product Identifier:** **B Component FX-763**  
**Recommended Use:** FX-763 is a two-component, low-modulus, non-sag epoxy 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**

**2. Hazard Identification**

**General Information**

FX-763 Low-Modulus Non-Sag Epoxy 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). The two parts of this product have been individually assessed according to the Globally Harmonized System (GHS). 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 Component B. See Component A Safety Data Sheet for complete product information.

**Component B GHS Classification**

**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
	Germ Cell Mutagenicity	Category 2	H341: Suspected of causing genetic defects
	Reproductive Toxicity	Category 2	H361: Suspected of damaging fertility or the unborn child
	STOT, Single Exposure	Category 3	H335: May cause respiratory irritation
<b>Environmental Hazards:</b>	Not classified.		
<b>Main Symptoms:</b>	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; 6.6B – Germ Cell Mutagenicity; 6.8B – Reproductive Toxicity; 6.1E – STOT, Single Exposure

**GHS Label Elements**



**Contains:** Glycidyl Neodecanoate, Fatty Acids C18-unsatd. Dimers, Diethylenetriamine  
**Signal Word:** **DANGER!**  
**Hazard Statements:**  
H314: Causes severe skin burns and eye damage.  
H318: Causes severe eye damage.  
H317: May cause an allergic skin reaction.  
H341: Suspected of causing genetic defects  
H361: Suspected of damaging fertility or the unborn child  
H335: May cause respiratory irritation.  
**Precautionary Statements:**  
**Prevention:**  
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.

# FX-763 Low-Modulus Non-Sag Epoxy

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	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>	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.
	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.

### Hazards Not Otherwise Classified (HNOC)

The above hazards are for the uncured B component of FX-763. Upon combination with the A component, an innocuous solid is formed, which does not present any immediate hazards. Upon grinding or cutting through the cured product, the following hazards may apply. Ensure that good work practices, and the necessary precautionary measures, are taken to maintain safe use of the product.



Chronic Health

<b>Health Hazard:</b>	Carcinogenicity	Category 1A
<b>Hazard Statement:</b>	May cause cancer.	
<b>Precautionary Statement:</b>	Do not breathe dust.	

### 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.

#### Composition – All concentrations are in percent by weight unless otherwise indicated.

Chemical Name	Weight %	CAS Number	EC Number
Glycidyl Neodecanoate	20-40	26761-45-5	247-979-2
<b>Classifications:</b> Skin Irrit. 2: H315, Eye Irrit. 2: H319, Skin Sens. 1: H317, GCM 2: H341, STOT SE 3: H335			
Fatty acids C18-unsatd. dimers, with TOFA and TETA	1-10	68082-29-1	500-191-5
<b>Classifications:</b> Skin Irrit. 2 : H315, Eye Corr. 1 : H318, Skin Sens. 1: H317, Aquatic 3: H402+H412			
Diethylenetriamine	1-10	111-40-0	203-865-4
<b>Classifications:</b> Acute Tox. 4: H302+H312, Acute Tox. 2: H330, Skin Corr. 1: H314, Eye Corr.1: H318, Skin Sens. 1: H317, STOT SE 3: H335			
Titanium Dioxide	1-5	13463-67-7	236-675-5
<b>Classifications:</b> Carc. 2: H351			
Bisphenol-A	< 1	80-05-7	201-245-8
<b>Classifications:</b> Eye Corr. 1: H318, Skin Sens. 1: H317, Repr. 2: H361, STOT SE 3: H335			
Crystalline Silica, Quartz	< 1	14808-60-7	238-878-4
<b>Classifications:</b> Carc. 1A: H350, STOT RE 2: H373			

**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**

**Eye Contact:** 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, **consult a physician immediately.**

**Skin Contact:** Remove contaminated clothing and product, immediately wash affected area with soap and water. If rash or irritation persists, **consult a physician.**

**Ingestion:** Rinse mouth immediately. Do NOT induce vomiting. **Consult a physician.**

**Inhalation:** Remove patient to fresh air. Give oxygen or artificial respiration if needed. If patient continues to experience difficulty breathing, **consult a physician.**

**Most Important Symptoms**

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

**5. Fire-Fighting Measures**

**Suitable Extinguishing Media:** Water fog, carbon dioxide, dry chemical powder, aqueous foam.

**Additional Information:** None known.

**Hazards during Fire-Fighting:** Irritating and toxic fumes may be produced at high temperature. Hazardous gases/vapors produced are carbon monoxide, carbon dioxide, oxides of nitrogen, cyanide, aldehydes, and miscellaneous hydrocarbons. Do not allow run-off from fire-fighting to enter drains or water courses.

**Fire-Fighting Procedures:** 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

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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 (Section 10 of the SDS). Keep in original container, keep container tightly closed. Store in a cool, dry place out of direct sunlight. Keep away from heat and sources of ignition. Protect from physical damage.

## 8. Exposure Controls / Personal Protection

### Personal Protective Equipment

<b>Protective Measure:</b>	Wear appropriate personal protective equipment.
<b>Eye Protection:</b>	Wear chemical splash goggles or safety glasses with side shield.
<b>Hand Protection:</b>	Wear chemical-resistant gloves such as: Nitrile, neoprene, butyl.
<b>Skin and Body Protection:</b>	Wear long sleeve shirts/long pants and other clothing as required to minimize contact.
<b>Respirator Protection:</b>	The use of a respirator is not required during normal use of this product in properly ventilated areas. An approved respirator should be worn whenever workplace conditions warrant respirator use, or when grinding or cutting cured product.
<b>General Hygiene:</b>	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

When using indoors good general ventilation should be used. Ventilation rates should be matched to conditions. Provide eyewash station and emergency shower.

### Exposure Limits

Component	Australia National Workplace OELs	New Zealand Workplace Exposure Limits (WES)	United States ACGIH (TLV)
Diethylenetriamine (CAS 111-40-0)	N/E	N/E	1 ppm
Quartz (CAS 14808—60-7)	0.1 mg/m <sup>3</sup>	0.1 mg/m <sup>3</sup>	0.025 mg/m <sup>3</sup> (respirable)
Titanium Dioxide (CAS 13463-67-7)	10 ppm (TWA)	10 ppm (TWA)	10 mg/m <sup>3</sup>

## 9. Physical and Chemical Properties

<b>Physical State:</b>	Liquid	<b>Freezing/Melting Point:</b>	N/E
<b>Form:</b>	Paste	<b>Boiling Point:</b>	N/E
<b>Color:</b>	Gray	<b>Flash Point:</b>	230°F (110°C)
<b>Odor:</b>	Ammonia	<b>Evaporation Rate:</b>	N/E
<b>Odor Threshold:</b>	N/E	<b>Specific Gravity:</b>	1.3
<b>pH:</b>	N/E	<b>Viscosity:</b>	N/E
<b>Flammability:</b>	N/E	<b>U/L Flammability:</b>	N/E
<b>Vapor Pressure:</b>	N/E	<b>Vapor Density:</b>	N/E
<b>Solubility:</b>	Slight	<b>Kow:</b>	N/E
<b>Decomposition:</b>	N/E	<b>VOC (A+B):</b>	3 g/L

## 10. Stability and Reactivity

<b>Reactivity:</b>	This product is stable and non-reactive under normal conditions.
<b>Chemical Stability:</b>	Stable under normal storage conditions.
<b>Condition to Avoid:</b>	High heat and open flame.
<b>Substances to Avoid:</b>	Oxidizing agents and acids.
<b>Hazardous Reactions:</b>	Hazardous polymerization will not occur.
<b>Decomposition Products:</b>	Carbon dioxide, carbon monoxide, oxides of nitrogen and other organic compounds.

## 11. Toxicological Information

### Likely Routes of Exposure

<b>Ingestion:</b>	Expected to be a low ingestion hazard.
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**Inhalation:** May cause irritation to the respiratory system.  
**Skin contact:** Causes skin burns. May cause an allergic skin reaction.  
**Eye contact:** Causes severe eye damage.  
**Symptoms:** Burns, redness, itching, tearing, swelling, and blurred vision; shortness of breath, discomfort in chest, or coughing. Rash/dermatitis.

### Information on Toxicological Effects

#### Acute Effects

**Toxicity:** Not expected to be acutely toxic.

Component	Estimate
FX-763 Component B Toxicity Estimate	
<b>Acute, Oral, LD50</b>	> 3500
<b>Acute, Dermal, LD50</b>	> 2500

Component	Species	Test Result
Glycidyl Neodecanoate (CAS 26761-45-5)		
<b>Acute, Oral, LD50</b>	Rat	9600 mg/kg
<b>Acute, Dermal, LD50</b>	Rat	3800 mg/kg
Fatty Acids, C18-unsat., Dimers (CAS 68082-29-1)		
<b>Acute, Oral, LD50</b>	Rat	2000 mg/kg
<b>Acute, Dermal, LD50</b>	Rabbit	2000 mg/kg
Diethylenetriamine (CAS 111-40-0)		
<b>Acute, Oral, LD50</b>	Rat	1080 mg/kg
<b>Acute, Dermal, LD50</b>	Rabbit	1090 mg/kg
Bisphenol-A (CAS 80-05-7)		
<b>Acute, Oral, LD50</b>	Rat	3600 mg/kg
Crystalline Silica, Quartz (CAS 14808-60-7)		
<b>Acute, Oral, LD50</b>	Rat	22500 mg/kg

**Skin corrosion/irritation:** Causes severe skin burns.  
**Eye damage/eye irritation:** Causes severe eye damage.  
**Respiratory sensitization:** No data available.  
**Skin sensitization:** May cause skin sensitization by contact.  
**Aspiration hazard:** No data available.  
**Specific target organ toxicity**  
**Single exposure:** May cause respiratory irritation.

#### Chronic Effects

**Germ cell mutagenicity:** A component in this product is suspected of causing genetic defects.  
**Carcinogenicity:** May cause cancer. The B component of this product contains components that are listed as carcinogens. These components are considered carcinogens only in their respirable form. Due to the nature of this product, inhalation is highly unlikely. Exposure to respirable carcinogens is likely only when grinding or cutting cured product. Ensure good work practice and use of personal protective equipment as needed to control exposure to processing dust.

**Reproductive toxicity:** Components of this product are suspected of damaging fertility or the unborn child.

**Specific target organ toxicity**  
**Repeated exposure:** May cause damage to organs (lung) through prolonged or repeated exposure (inhalation of processing dust).

Carcinogen / Reproductive Toxin / Mutagen Information					
Component	% In Blend (approx.)	IARC Monographs	NTP	ACGIH	Other
Titanium Dioxide (CAS 13463-67-7)	1-5	2B	---	---	CA65
Quartz (CAS 14808-60-7)	< 1	1	KNOWN	A2	CA65
Bisphenol-A (CAS 80-05-7)	< 1	---	---	---	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 very toxic to aquatic life with long lasting effects. Avoid release to the environment.

**Supporting Data**

Component	Species	Test Result
Glycidyl Neodecanoate (CAS 26761-45-5)	<b>Aquatic</b> , Fish, LC50	Rainbow trout 9.6 mg/l, 96 hours
	<b>Aquatic</b> , Crustacea, EC50	Daphnia magna 4.8 mg/l, 48 hours
	<b>Aquatic</b> , Algae, EC50	Algae 3.5 mg/l, 96 hours
Diethylenetriamine (CAS 111-40-0)	<b>Aquatic</b> , Crustacea, EC50	Daphnia magna 16 mg/l, 48 hours
	<b>Aquatic</b> , Algae, EC50	Green algae 1164 mg/l, 72 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

**Persistence and degradability:** No data available.  
**Bioaccumulative potential:** No data available for the product.

Chemical	Log Kow	BCF	Bioaccumulation Potential
Glycidyl Neodecanoate (CAS 26761-45-5)	2.6	---	low
Diethylenetriamine (CAS 111-40-0)	-1.3	0.65-2.80	low
Bisphenol-A (CAS 80-05-7)	3.32	---	---

**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 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

**UN number:** UN2735  
**UN proper shipping name:** AMINES, LIQUID, CORROSIVE, N.O.S. (Diethylenetriamine), 8, III, Marine Pollutant  
**Transportation Class:** 8  
**Precautions:** Corrosive  
**Packing Group:** III  
**Environment Hazard:** No  
**Required Labels:** 8  
**ERG Code (IATA):** 8L  
**EmS (IMDG):** F-A, S-B

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### 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:** Not applicable.

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.

**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 regulated.

#### 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
Glycidyl Neodecanoate (CAS 26761-45-5)	Hazardous Substance IMAP – Tier II – Human Health
Fatty acids C18-unsatd. dimers, with TOFA and TETA (68082-29-1)	Hazardous Substance IMAP – Tier II - Human
Diethylenetriamine (CAS 111-40-0)	Hazardous Substance IMAP – Tier II – Human
Titanium Dioxide (CAS 13463-67-7)	Hazardous Substance IMAP – Tier II - Human
Bisphenol-A (CAS 80-05-7)	Hazardous Substance IMAP – Tier II – Human Health
Crystalline Silica, Quartz (CAS 14808-60-7)	Hazardous Substance IMAP – Tier II – Human Health

#### 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
Glycidyl Neodecanoate (CAS 26761-45-5)	HSNO Approved (HSR007482)
Fatty acids C18-unsatd. dimers, with TOFA and TETA (CAS 68082-29-1)	May be used as a single component under an appropriate group standard
Diethylenetriamine (CAS 111-40-0)	HSR002966
Titanium Dioxide (CAS 13463-67-7)	May be used as a single component under an appropriate group standard
Bisphenol-A (CAS 80-05-7)	HSR003399
Crystalline Silica, Quartz (CAS 14808-60-7)	HSNO Approved (HSR003125)

#### 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.

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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

This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006. Young people under 18 years old are not allowed to work with this product according to EU Directive 94/33/EC on the protection of young people at work.

REACH Registered Substances			
Chemical	CAS Number	EC Number	Index Number
Diethylenetriamine	111-40-0	203-865-4	612-058-00-X
Bisphenol-A	80-05-7	201-245-8	604-030-00-0

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>	One or more components of this product are not 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>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:** March 2017  
**Supersedes:** February 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  
**CAS No.:** Chemical Abstract Service Registry Number  
**CERCLA:** Comprehensive Environmental Response, Compensation and Liability Act (U.S. EPA)  
**HPR:** Hazardous Product Regulations (Canada)  
**EPA:** Environmental Protection Agency (U.S.)  
**GHS:** Globally Harmonized System of Classification and Labeling of Chemicals  
**HMIS:** Hazardous Materials Identification System

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<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>NFPA:</b>	National Fire Protection Association (US)
<b>NTP:</b>	National Toxicology Program (US)
<b>PEL:</b>	Permissible Exposure Limit
<b>SARA:</b>	Superfund Amendments and Reauthorization Act (U.S. EPA)
<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>WHMIS:</b>	Canadian Workplace Hazardous Materials Information System

**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>H412:</b>	Harmful to aquatic life with long lasting results.

**Disclaimer**

This Safety Data Sheet (SDS) is prepared by Simpson Strong-Tie Co. 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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