

**CI-GV**

## SAFETY DATA SHEET

**Section 1. Identification****Product Identification**

<b>Product Identifier:</b>	<b>CI-GV</b>
<b>Recommended Use:</b>	Structural Injection Epoxy Gel
<b>Use Restrictions:</b>	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**

<b>Company:</b>	Simpson Strong-Tie Company Inc. 5956 W. Las Positas Blvd. Pleasanton, CA 94588
<b>Phone:</b>	1-800-999-5099
<b>Website:</b>	<a href="http://www.strongtie.com">www.strongtie.com</a>
<b>Emergency:</b>	1-800-535-5053 (US/Canada) 1-352-323-3500 (International)

For our most current SDS, please visit our website at [www.strongtie.com/sds](http://www.strongtie.com/sds)

**Section 2. Hazard Identification**

CI-GV is a two component (2:1) system packaged as a single unit in a dual cartridge or separately in 1 or 5 gallon containers. 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. The final cured product will be gray and can be considered nonhazardous. Some hazards may apply upon grinding or cutting through hardened product. This Safety Data Sheet covers the hazards and responses for the safe use of this product.

**Classification according to United States OSHA HazCom2012 (GHS)****Side 1: Resin (White)**

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
Chronic Aquatic Hazard Category 2	H411: Toxic to 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.

**GHS Label Elements**

Exclamation Point Environmental

**Contains:** Epoxy Resins, Neopentyl glycol diglycidyl ether

**Signal Word:**

**WARNING!**

**Hazard Statements:**

H315:	Cases skin irritation
H319:	Causes serious eye irritation.
H317:	May cause an allergic skin reaction.
H411:	Toxic to aquatic life with long-lasting effects.

**Precautionary Statements:**

P102:	Keep out of reach of children.
P103:	Read label before use.
P202:	Do not handle until all safety precautions have been read and understood.
P233:	Keep container tightly closed.
P261:	Avoid breathing mist or vapor.
P264:	Wash thoroughly after handling.
P271:	Use only outdoors 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.
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.
P305+P351+P338:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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	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.

**Side 2: Hardener (Black)**

Acute Toxicity, Oral Category 4	H302: Harmful if swallowed
Acute Toxicity, Dermal Category 4	H312: Harmful in contact with skin.
Skin Corrosion/Irritation Category 1	H314: Causes severe skin burns and eye damage
Serious Eye Damage/Irritation Category 1	H318: Causes serious eye damage
Sensitization, Skin Category 1	H317: May cause an allergic skin reaction

**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 severe irritation or burns to the gastrointestinal tract and respiratory system.

**GHS Label Elements**

Corrosive Exclamation Point

**Contains:**

Amines and Alcohols

**Signal Word:**

**DANGER!**

**Hazard Statements:**

H302: Harmful if swallowed.  
 H314: Causes severe skin burns and eye damage.  
 H318: Causes serious eye damage.  
 H317: May cause an allergic skin reaction.

**Precautionary Statements:**

H312: Harmful in contact with skin.

P102: Keep out of reach of children.  
 P103: Read label before use.  
 P202: Do not handle until all safety precautions have been read and understood.  
 P260: Do not breathe mist, or vapor.  
 P264: Wash thoroughly after handling.  
 P270: Do not eat, drink, or smoke when using this product.  
 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.  
 P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P310: Immediately call a POISON CENTER/doctor.  
 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.  
 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.  
 P405: Store locked up.  
 P501: Dispose of contents/container in accordance with local/regional regulations.

**Storage:****Disposal:**

**Supplemental Label Information:** None known.

**Hazards Not Otherwise Classified (HNOC):**

None known.

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## Section 3. Composition

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.

## Side 1: Resin (white)

Chemical Name	Weight %	CAS Number	EC Number
Phenolic Novolac Resin	20-60	28064-14-4	608-164-0
<b>Classifications:</b> Skin Irrit. 2: H315, Eye Irrit. 2: H319, Skin Sens. 1: H317, STOT SE 3: H335			
Bisphenol-A Based Epoxy Resin	20-60	25068-38-6	500-033-5
<b>Classifications:</b> Skin Irrit. 2: H315, Skin Sens. 1: H317, Eye Irrit. 2: H319, Aquatic Chronic 2: H411			
Neopentyl glycol diglycidyl ether	20-60	17557-23-2	241-536-7
<b>Classifications:</b> Skin Irrit. 2: H315, Skin Sens. 1: H317			
Titanium Dioxide	1-5	13463-67-7	236-675-5
<b>Classifications:</b> Carc. 2: H351			

## Side 2: Hardener (black)

Chemical Name	Weight %	CAS Number	EC Number
Benzyl Alcohol	10-30	100-51-6	202-859-9
<b>Classifications:</b> Acute Tox. 4: H302 & H312 & H332, Skin Irrit. 2: H315, Eye Irrit. 2: H319, Skin Sens. 1: H317			
Isophorone Diamine	10-30	2588-13-2	220-666-8
<b>Classifications:</b> Acute Tox. 4: H302, Skin Irrit. 1B: H314, Eye Dam. 1: H318, Skin Sens 1: H317, Aquatic Acute 3: H402			
Triethylenetetramine	1-15	112-24-3	203-950-6
<b>Classifications:</b> Acute Tox. 4: H312, Skin Corr. 1: H314, Skin Sens. 1: H317, Aquatic Chronic 3: H412			
2,4,6-tris-(dimethylaminomethyl)phenol	1-15	90-72-2	202-013-9
<b>Classifications:</b> Acute Tox. 4: H302, Skin Irrit. 2: H315, Eye Irrit. 2: H319			
Bis(dimethylaminomethyl)phenol	1-15	71074-89-0	275-162-0
<b>Classifications:</b> Skin Irrit. 1B: H314			
Polyoxypropylenediamine	1-15	9046-10-0	618-561-0
<b>Classifications:</b> Skin Corr. 1: H314, Eye Corr. 1: H318, Aquatic 3: H412			

## Section 4. First-Aid Measures

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. 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:** Damage to the eyes and skin. Symptoms include burns, redness, itching, tearing, swelling, and blurred vision. Rash/dermatitis. May cause severe irritation or burns to the gastrointestinal tract and respiratory system.

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## Section 5. Fire-Fighting Measures

**Suitable Extinguishing Media:**

Extinguish with foam, carbon dioxide, dry powder, or water fog.

**Additional Information:**

Do not use water jet as an extinguisher as this will spread the fire.

**Hazards during Fire-Fighting:**

Hazardous decomposition products may occur when materials polymerize at temperatures above 500° F (260°C). Irritating and toxic gases/fumes may be released during a fire. 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

## Section 6. Accidental Release Measures

**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. If desired, approved solvents, such as ketones (MEK, acetone, etc.), lacquer thinner, or adhesive remover can be used. Do NOT use solvents to clean adhesives from skin. Take appropriate precautions when handling flammable solvents. Solvents may damage surfaces to which they are applied.

**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. Keep combustibles away from spilled material.

**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. Take precautionary measures; do not allow dust to build up.

**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. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

## Section 7. Handling and Storage

**Handling**

Keep away from open flame, hot surfaces, and sources of ignition. Wear appropriate personal protective equipment. Avoid contact with eyes, skin, and clothing. Avoid breathing vapor or mist. When using, do not eat, drink, or smoke. Use only in well-ventilated places. Wash thoroughly after handling. Wash contaminated clothing before reuse. Observe good industrial hygiene practices. To obtain optimal performance from Simpson Strong-Tie products and to achieve maximum allowable design load, the products must be properly installed and used in accordance with the installation instructions and design limits provided by Simpson Strong-Tie.

**Storage**

**Full Unused Cartridges and Bulk Containers:** Keep away from incompatible materials (See section 10 of the SDS). Keep in original container. Keep container tightly closed. Store in a dry, well-ventilated place out of direct sunlight, between 45-90°F (7-32°C). Keep away from heat and sources of ignition. Protect container from physical damage. Keep out of reach of children.

**Partially Used Cartridges:** To store partially used cartridge temporarily replace cap or leave hardened nozzle in place. To re-use, attach new nozzle. Do not try to dispense after adhesive hardens in nozzle. CAUTION: Adhesive will start to gel in the nozzle. Adhesive will gel faster at higher temperatures. Material under pressure can blowout the back of the cartridge if the adhesive in the nozzle hardens. Use only an appropriate Simpson Strong-Tie® mixing nozzle in accordance with Simpson Strong-Tie instructions. Modification or improper use of mixing nozzle may impair adhesive performance. Keep out of reach of children.

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## Section 8. Exposure Controls / Personal Protection

<b>General Protection:</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>	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. A component of this product is acutely toxic when inhaled as a dust or mist. If cutting or grinding cured product, an approved respirator is recommended.
<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.
<b>Engineering Controls:</b>	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 eye wash station and emergency shower.
<b>Exposure Limits:</b>	

\*Skin Designation: Material can be absorbed through the skin.

Component	OSHA PEL	ACGIH TLV	NIOSH Pocket Guide
Benzyl Alcohol (100-51-6)	N/E	N/E	10 ppm (WEEL)
Isophorone Diamine (CAS 2855-13-2)	10 ppm*	10 ppm	N/E

## Section 9. Physical and Chemical Properties

Property	Side 1: Resin	Side 2: Hardener
<b>Physical State:</b>	Liquid	Liquid
<b>Color:</b>	White	Black
<b>Odor:</b>	No Data	No Data
<b>pH:</b>	~ 7	No Data
<b>Flammability limit – lower %:</b>	No Data	No Data
<b>Flammability limit – upper %:</b>	No Data	No Data
<b>Vapor Pressure:</b>	Non-Volatile	No Data
<b>Vapor Density:</b>	No Data	No Data
<b>Solubility:</b>	Insoluble in water	Slightly soluble in water
<b>Freezing/Melting Point:</b>	No Data	No Data
<b>Boiling Point:</b>	No Data	No Data
<b>Flash Point:</b>	124°C (256°F)	No Data
<b>Evaporation Rate:</b>	No Data	No Data
<b>Specific Gravity:</b>	1.215	1.034
<b>VOC (after cure):</b>	9.62 g/L	9.62 g/L
<b>Kow:</b>	No Data	No Data
<b>Viscosity:</b>	Non-Sag Gel	Non-Sag Gel
<b>Corrosiveness:</b>	No Data	No Data

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## Section 10. Stability and Reactivity

<b>Reactivity:</b>	Stable and non-reactive under normal storage conditions. Resin unstable when exposed to heat.
<b>Chemical Stability:</b>	Stable under normal temperature conditions.
<b>Condition to Avoid:</b>	Heat and open flame.
<b>Substances to Avoid:</b>	Oxidizing and reducing agents, peroxides, phenols, and acids.
<b>Hazardous Reactions:</b>	Hazardous polymerization does not occur. The product is stable if stored and handled as prescribed/indicated.
<b>Decomposition Products:</b>	Resin decomposes with heat. Combustion may produce oxides of carbon, aldehydes and smoke. Fire or high temperature with the hardener can create carbon dioxide, carbon monoxide, oxides of nitrogen, and other organic compounds.

## Section 11. Toxicological Information

## Likely Routes of Exposure

<b>Ingestion:</b>	Corrosive material; causes severe irritation or burns to the gastrointestinal tract and respiratory tract.
<b>Inhalation:</b>	If this material is heated or misted, coughing and mild, irritation may occur. Do not inhale dust from cutting/grinding cured product.
<b>Skin contact:</b>	Causes severe skin burns. May cause an allergic skin reaction.
<b>Eye contact:</b>	Causes serious eye damage.
<b>Symptoms:</b>	Burns, redness, itching, tearing, swelling, and blurred vision. Rash/dermatitis. Severe irritation or burns to the gastrointestinal tract and respiratory system. Shortness of breath, discomfort in chest, or coughing.

## Acute Toxicity Data

Component	Species	Test Result
CI-GV Resin Toxicity Estimate	<b>Acute, Oral</b>	ATE
	<b>Acute, Dermal</b>	ATE
CI-GV Hardener Toxicity Estimate	<b>Acute, Oral</b>	ATE
	<b>Acute, Dermal</b>	ATE

## Acute Effects

<b>Toxicity:</b>	Not expected to be acutely toxic.
<b>Skin corrosion/irritation:</b>	Causes serious skin irritation and burns.
<b>Eye damage/eye irritation:</b>	Causes serious eye irritation and damage.
<b>Respiratory sensitization:</b>	No data available.
<b>Skin sensitization:</b>	May cause an allergic skin reaction.
<b>Aspiration hazard:</b>	Due to the physical form of this product it is not an aspiration hazard.
<b>Specific target organ toxicity Single exposure:</b>	May cause respiratory irritation.

## Chronic Effects

<b>Germ cell mutagenicity:</b>	No data available.
<b>Carcinogenicity:</b>	No data available.
<b>Reproductive toxicity:</b>	No data available.
<b>Specific target organ toxicity: Repeated exposure</b>	No data available.

**NOTE:** 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.

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## Section 12. Ecological Information

Information given is based on the components and the ecotoxicity of similar products. Resin is classified as toxic to aquatic life with long lasting effects. Hardener is classified as very toxic to aquatic life, with long lasting effects. Avoid release to the environment.

Component	Species	Test Result
Butyl Glycidyl Ether (CAS 2426-08-6)	<b>Aquatic, Crustacea, EC50</b>	Daphnia magna
		3.9 mg/l, 48 hours
Bisphenol-A Based Epoxy Resin (CAS 25068-38-6)	<b>Aquatic, Fish, LC50</b>	Salmo Gairdneri
	<b>Aquatic, Crustacea, EC50</b>	Daphnia magna
	<b>Aquatic, Algae, EC50</b>	Algae
		> 11 mg/l, 72 hours

**Persistence and degradability:**  
**Bio-accumulative potential:**  
**Mobility in soil:**

No data is available on the degradability of this product.  
 No data available for this product.  
 No data available

**Further Information:**

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

## Section 13. Disposal Consideration

**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.

## Section 14. Transportation Information

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.

	Resin	Hardener
<b>UN number:</b>	UN3082	UN2735
<b>UN proper shipping name:</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol-A-Epichlorohydrin), 9, III, Marine Pollutant	AMINES, LIQUID, CORROSIVE, N.O.S. (Isophorone Diamine, Triethylenetetramine), 8, III
<b>Precautions:</b>		Corrosive
<b>Required Labels:</b>	9	8
<b>ERG Code (IATA):</b>	9L	8L
<b>EmS (IMDG):</b>	F-A, S-F	F-A, S-B
<b>Special Precautions for Users:</b>	Read safety instructions, SDS and emergency procedures before handling.	

Based on packaging size, Limited Quantity exemptions may apply. Please consult the 49 CFR HMR, IATA DGR, and IMDG Code to ensure that shipments comply with these regulations.

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## Section 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.

<b>TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D):</b>	None listed.
<b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):</b>	Not listed.
<b>CERCLA Hazardous Substance List (40 CFR 302.4):</b>	None listed.

## Superfund Amendments and Reauthorization Act of 1986 (SARA):

Hazard Categories:					
	Immediate	Delayed	Fire	Pressure	Reactivity
Resin	Yes	No	No	No	No
Hardener	Yes	No	No	No	No

<b>SARA 302 Extremely hazardous substance:</b>	No
<b>SARA 311/312 Hazardous chemical:</b>	Yes
<b>SARA 313 (TRI reporting):</b>	No

## California Proposition 65:

**WARNING:** This product can expose you to chemicals including epichlorohydrin, carbon black and propylene oxide, which are known to the State of California to cause cancer, reproductive harm, or other birth defects. For information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## Canada

This product has been classified according to the hazard criteria of the HPR and the SDS contains all of the information required by the HPR.

## 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.

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.**

<b>Australia</b>	All components 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 listed on the European Inventory of Existing Commercial Chemical Substances (EINECS) or are exempt from listing.
<b>Japan</b>	All components of this product are 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 listed 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</b>	All components of this product are listed on the Toxic Substances Control Act (TSCA) Inventory or are not required to be listed.



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## Section 16. Other Information

Date Prepared or Revised: September 2019  
Supersedes: August 2018

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>DOT:</b>	Department of Transportation (U.S.)
<b>EPA:</b>	Environmental Protection Agency (U.S.)
<b>GHS:</b>	Globally Harmonized System of Classification and Labeling of Chemicals
<b>HEPA:</b>	High-Efficiency Particulate Air
<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>OSHA:</b>	Occupational Safety and Health Administration (U.S.)
<b>PEL:</b>	Permissible Exposure Limit
<b>SARA:</b>	Superfund Amendments and Reauthorization Act (U.S. EPA)
<b>SDS:</b>	Safety Data Sheet
<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>U.S.:</b>	United States
<b>VOC:</b>	Volatile Organic Compounds
<b>WHMIS:</b>	Canadian Workplace Hazardous Materials Information System

## Full Text of H – Phrases Under Section 3

<b>H332:</b>	Harmful if inhaled.
<b>H335:</b>	May cause respiratory irritation.
<b>H351:</b>	Suspected of causing cancer.
<b>H402:</b>	Harmful to aquatic life.
<b>H412:</b>	Harmful to aquatic life with long lasting effects.

This 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.

FOR INTERNAL USE ONLY	CI-GV Resin: XCOM3B - 66% Cartridge	CI-GV Hardener: XCORR XCOM3B - 33% Cartridge XCOM3B - 33% Cartridge
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