

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** Cartridges: **AT-XP13, AT-XP30**  
**Product Description:** High Strength Acrylic-Based Anchoring Adhesive – Resin  
**Company:** Simpson Strong-Tie Company Inc.  
**Address:** 5956 W. Las Positas Blvd.  
 Pleasanton, CA 94588 USA  
**Emergency Telephone Number:** 1-800-535-5053 **US/Canada**  
 (24h) 1-352-323-3500 **International**  
**Date Prepared or Revised:** November 2010  
 For most current MSDS, please visit our website at [www.simpsonanchors.com](http://www.simpsonanchors.com).

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

**CONTAINING: HAZARDOUS AND/OR REGULATED COMPONENTS**

Chemical Name	Concentration (Weight %)	CAS Number	OSHA Hazard
Portland Cement	Proprietary	65997-15-1	Yes
Crystalline Silica	Proprietary	14808-60-7	Yes

Composition Note: The remaining ingredients are designated as “trade secret”.

**3. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

**WARNING! MAY CAUSE EYE AND/OR SKIN IRRITATION. PROLONGED OR REPEATED EXPOSURE MAY CAUSE SKIN SENSITIZATION. SUSPECT SLIGHT SKIN ABSORPTION HAZARD.**

**POTENTIAL HEALTH EFFECTS**

**Acute**

**Eye Contact:** Exposure during handling may cause eye irritation, swelling, tearing, redness or cornea damage.

**Skin Contact:** Suspect slight skin absorption hazard. Exposure during handling may cause moderate irritation. May cause skin sensitization, evidenced by localized rashes and hives. Symptoms may be delayed 24 – 48 hours.

**Inhalation:** Exposure to this product in excess of the applicable TVL or PEL may cause moderate irritation to the nose and respiratory tract. Symptoms of irritation may include coughing, mucous production and shortness of breath.

**Ingestion:** Ingestion may cause may cause irritation to the gastrointestinal tract.

**Systemic Effects:** Lungs, eyes, and skin.

**Chronic:**

Inhalation exposure to airborne crystalline silica may cause delayed lung injury including silicosis, a disabling and potentially fatal lung disease, and/or cause or aggravate other lung diseases or conditions.

**Medical Conditions which May be Aggravated by Inhalation or Dermal Exposure:**

Persons with eye, skin or respiratory disorders or unusual (hyper) sensitivity to chemicals may experience adverse reactions to this product.

**4. FIRST AID MEASURES**

**Eye Contact:** Immediately flush eyes with plenty of cool water for at least 15 minutes while holding the eyes open. If redness, burning, blurred vision, or swelling persists, **CONSULT A PHYSICIAN.**

**Skin Contact:** In case of contact, remove product and immediately wash affected area with plenty of soap and water for at least 5 minutes. Do not apply greases or ointments. Remove contaminated clothing. Clean contaminated clothing with soap and water before re-use. If redness, burning, or swelling persists, **CONSULT A PHYSICIAN.**

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**Ingestion:** **DO NOT INDUCE VOMITING.** Never administer anything by mouth to an unconscious person. Rinse out mouth with water, then drink sips of water to remove taste from mouth. **CONSULT A PHYSICIAN.** Do not leave victim unattended. If vomiting occurs spontaneously, lay victim on the side and keep head lower than waist to prevent aspiration.

**Inhalation:** If respiratory irritation or distress occurs, remove victim to fresh air. If breathing is difficult, give oxygen. If breathing stop, apply artificial respiration. **CONSULT A PHYSICIAN IMMEDIATELY.**

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

**5. FIRE FIGHTING MEASURES**

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

**Fire And Explosion Hazards:** Hazardous gases/vapors produced are carbon monoxide, carbon dioxide, and smoke. Toxic and flammable vapors may be produced under combustion. Sealed containers exposed to elevated temperatures may rupture explosively due to polymerization. Vapors are heavier than air and may travel to ignition sources and flash back. Do not allow run-off from fire fighting to enter drains or water courses.

**Fire Fighting Equipment and Procedures:** Wear full protective clothing and self-contained breathing apparatus for fire fighting. Isolate fuel supply from fire. Use water spray to cool fire-exposed surfaces and containers.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Use cautious judgment when cleaning up spill. Shut off leaks, if possible without personal risk. Wear suitable protective clothing, gloves and eye/face protection. Evacuate personnel to safe areas.

**Environmental Precautions:** Construct a dike to prevent spreading. Keep out of sewers, storm drains, surface waters, and soils.

**Clean-up Methods:** **Small spills:** Soak up with absorbent material such as clay, sand or other suitable non-reactive material. Place in leak-proof containers. Seal tightly for proper disposal. **Large spills:** Approach suspected leak areas with caution. Create a dike or trench to contain material. Soak up with absorbent material such as clay, sand or other suitable non-reactive material. Place in leak-proof containers. Seal tightly for proper disposal.

**Additional Information:** Notify authorities if any exposures to the general public or environment occur or are likely to occur. Dispose in accordance with federal, state, and local regulations.

**7. HANDLING AND STORAGE**

**Handling (Personnel):** To prevent skin and eyes contact under the foreseeable conditions of use, wear appropriate protective clothing and safety eyewear. When handling, do not eat, drink, or smoke. Wash thoroughly after handling. Avoid breathing fumes. Handle in a well-ventilated work area.

**Handling (Physical Aspects):** Close container after each use. Keep away from heat, sparks and flames.

**Storage:** Keep away from: acids, oxidizing agents, heat, or flames. Store in a cool, dry, well-ventilated area in closed containers. Recommended storage temperatures: 32°F - 80°F (0°C - 27°C). Protect containers from physical damage.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Limits:**

Chemical Name	ACGIH (TLV)	OSHA (PEL)
Portland cement	10mg/m <sup>3</sup>	5mg/m <sup>3</sup>
Silica, crystalline quartz (airborne particulates of respirable size)	0.1mg/m <sup>3</sup>	0.4mg/m <sup>3</sup>

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<b>Engineering Controls:</b>	Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure techniques may be used to effectively minimize employee exposures.
<b>Eye Protection:</b>	When engaged in activities where product could contact the eye, wear safety glasses with side shields, chemical splash goggles, or face shield.
<b>Skin Protection:</b>	Skin contact should be minimized through use of Nitrile, neoprene or butyl gloves and suitable long sleeved clothing. Consideration must be given both to durability as well as permeation resistance.
<b>Respirator Protection:</b>	Avoid actions that cause dust exposure to occur. Use local or general ventilation to control exposures below applicable exposure limits. NIOSH or MSHA approved particulate filter respirators should be used in the context of respiratory protection program meeting the requirements of the OSHA respiratory protection standard [29 CFR 1910.134] to control exposures when ventilation or other controls are inadequate or discomfort or irritation is experienced. Respirator and/or filter cartridge selection should be based on American National Standards Institute (ANSI) Standards Z88.2 Practices for Respiratory Protection.
<b>Ventilation:</b>	Use local exhaust or general dilution ventilation to control exposure within applicable limits.
<b>Work Practice Controls:</b>	Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material: <ol style="list-style-type: none"> <li>(1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.</li> <li>(2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet. Wash exposed skin promptly to remove accidental splashes or contact with this material.</li> </ol>

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical Form:</b>	Paste
<b>Color:</b>	Teal
<b>Odor:</b>	No significant odor
<b>Vapor Pressure:</b>	N/E
<b>Boiling Point:</b>	N/E
<b>Freezing Point:</b>	N/E
<b>Flash Point:</b>	>190°F (> 87.8°C) Close Cup
<b>Specific Gravity:</b>	1.58
<b>pH:</b>	N/E
<b>Solubility In Water:</b>	Slight

**10. STABILITY AND REACTIVITY**

<b>Stability:</b>	Stable under normal conditions. Unstable with heat.
<b>Conditions To Avoid:</b>	Incompatible chemicals, heat and open flame.
<b>Materials To Avoid:</b>	Oxidizing and reducing agents.
<b>Hazardous Decomposition Products:</b>	Decomposes with heat. Combustion may produce carbon monoxide, carbon dioxide, aldehydes and smoke.
<b>Hazardous Polymerization:</b>	Polymerization can occur when exposed to excessive heat.

**11. TOXICOLOGICAL INFORMATION**

<b>Acute Toxicity:</b>	
<b>Oral (LD<sub>50</sub>, Rat):</b>	N/E
<b>Dermal (LD<sub>50</sub>, Rabbit):</b>	N/E
<b>Inhalation (LC<sub>50</sub>, Rat):</b>	N/E
<b>Chronic Health Hazard:</b>	Respirable crystalline silica (quartz) can cause silicosis (scarring) of the lungs. Exposure to silica dust is not likely from normal use of product. Repeated or prolonged exposure may cause allergic reaction and/or limited sensitization.

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**Carcinogenic Classification:** This product has ingredients that are listed as a carcinogen by one or more of the following NTP, OSHA, ACGIH or IARC.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity:** This product has not been evaluated.  
**Chemical Fate Information:** No data found for product.

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal:** Dispose of container and unused contents in accordance to local, state and federal regulations.  
**Container Disposal Method:** Emptied container may contain product residue and should not be reused.

**14. TRANSPORTATION INFORMATION**

**DOT/TDG:** Not Regulated For Transport.  
**IATA:** Not Regulated For Transport.  
**IMO:** Not Regulated For Transport.

**15. REGULATORY INFORMATION**

**US FEDERAL REGULATIONS:**

**OSHA Hazard Communication Standard (29CFR 1910.1200):**

This product is considered a “hazardous chemical” under this regulation.

**Status Under Toxic Substances Control Act (TSCA) (40 CFR 710):**

All chemical(s) comprising this product are either exempt or listed on the TSCA Inventory.

**EPA Reportable Quantities:**

**Clean Water Act (40CFR Section 112):** Not listed.

**CERCLA Hazardous Substance (40CFR Part 302, Table 302.4):** Not listed.

**EPCRA Extreme Hazardous Substance (40CFR Section 302 Part 355):** Not listed.

**Toxic Chemical Release Inventory (TRI) Reporting - (SARA Title III Section 313 (40 CFR 372) Component(s) above ‘de minimus’ level):** None.

**SARA Title III Hazard Classes (40CFR 370 Sections 311 and 312):**

**Fire Hazard:** No  
**Reactive Hazard:** No  
**Release of Pressure:** No  
**Acute Health Hazard:** No  
**Chronic Health Hazard:** Yes

**US STATE REGULATIONS:**

**California - “Safe Drinking Water and Toxic Enforcement Act” (Proposition 65):**

This product contains chemicals that are known to the State of California to cause cancer and/or reproductive toxicity and other harm.

Component	Regulation	% In Blend (approx.)	Remark
Carbon Black	ACGIH	< 0.05	Carcinogenic
Silica Quartz	ACGIH	<25	Carcinogenic

**INTERNATIONAL REGULATIONS:**

**CANADIAN DSL/NDSL INVENTORY STATUS:**

Components of this product are listed on the Canadian DSL or NDSL inventories.

**CANADIAN WHMIS CLASSIFICATION and SYMBOLS:**

**Class D-2B:** Material causing other toxic effects



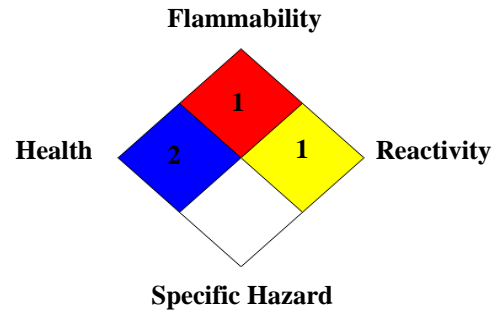
**16. OTHER INFORMATION**

**HAZARD RATINGS:**

**Hazardous Material Information System (HMIS)**

<b>Health</b>	<b>2</b>
<b>Flammability</b>	<b>1</b>
<b>Physical Hazard</b>	<b>1</b>
<b>Personal Protection</b>	<b>B</b>

**National Fire Protection Association (NFPA)**



**HMIS/NFPA Definitions:** 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme

**Protective Equipment:** Safety glasses, gloves

This Material Safety Data Sheet (MSDS) is prepared by Simpson Strong-Tie Company Inc. 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 MSDS. This MSDS 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. PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** Cartridges: **AT-XP13, AT-XP30**  
**Product Description:** High Strength Acrylic-Based Anchoring Adhesive – Initiator  
**Company:** Simpson Strong-Tie Company Inc.  
**Address:** 5956 W. Las Positas Blvd.  
 Pleasanton, CA 94588 USA  
**Emergency Telephone Number:** 1-800-535-5053 **US/Canada**  
 (24h) 1-352-323-3500 **International**  
**Date Prepared or Revised:** November 2010  
 For most current MSDS, please visit our website at [www.simpsonanchors.com](http://www.simpsonanchors.com).

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

**CONTAINING: HAZARDOUS AND/OR REGULATED COMPONENTS**

Chemical Name	Concentration (Weight %)	CAS Number	OSHA Hazard
Dibenzoyl peroxide	Proprietary	94-36-0	Yes

Composition Note: The remaining ingredients are designated as “trade secret”.

**3. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

**WARNING! MAY CAUSE EYE AND/OR SKIN IRRITATION. PROLONGED OR REPEATED EXPOSURE MAY CAUSE SKIN SENSITIZATION.**

Peroxides and peroxide decomposition products are flammable and can ignite with explosive force if confined.

**POTENTIAL HEALTH EFFECTS**

**Acute**

**Eye Contact:** Exposure during handling may cause eye irritation, swelling, tearing, redness or cornea damage.  
**Skin Contact:** Exposure during handling may cause moderate irritation. May cause skin sensitization, evidenced by rashes and hives.  
**Inhalation:** Exposure to this product in excess of the applicable TVL or PEL may cause moderate irritation to the nose and respiratory tract. May cause Central Nervous System depression evidenced by headache, dizziness, and nausea.  
**Ingestion:** Harmful if swallowed. Ingestion may cause may cause irritation to the gastrointestinal tract.  
**Systemic Effects:** Lungs, eyes, and skin.

**Chronic:**

None known

**Medical Conditions which May be Aggravated by Inhalation or Dermal Exposure:**

Persons with eye, skin or respiratory disorders or unusual (hyper) sensitivity to chemicals may experience adverse reactions to this product.

**4. FIRST AID MEASURES**

**Eye Contact:** Immediately flush eyes with plenty of cool water for at least 15 minutes while holding the eyes open. If redness, burning, blurred vision, or swelling persists, **CONSULT A PHYSICIAN.**

**Skin Contact:** In case of contact, remove product and immediately wash affected area with plenty of soap and water for at least 5 minutes. Do not apply greases or ointments. Remove contaminated clothing. Clean contaminated clothing with soap and water before re-use. If redness, burning, or swelling persists, **CONSULT A PHYSICIAN.**

**Ingestion:** **Call a physician or poison control center immediately. Do not induce vomiting unless directed by to do so by medical personnel.** Never administer anything by mouth to an unconscious person. Rinse out mouth with water. Do not leave victim

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**Inhalation:** unattended. If vomiting occurs spontaneously, lay victim on side and keep head lower than waist to prevent aspiration. If respiratory irritation or distress occurs, remove victim to fresh air. If breathing is difficult, give oxygen. If breathing stop, apply artificial respiration. **CONSULT A PHYSICIAN.**

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

**5. FIRE FIGHTING MEASURES**

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

**Fire And Explosion Hazard:** **CAUTION: Reignition may occur.** Vapors may form explosive mixture with air. Irritating and toxic fumes may be produced at high temperature. Hazardous gases/vapors produced are carbon monoxide, carbon dioxide, benzene, and benzoic acid. Do not allow run-off from fire fighting to enter drains or water courses.

**Fire Fighting Equipment and Procedures:** Wear full protective clothing and self-contained breathing apparatus for fire fighting. Isolate fuel supply from fire. Use water spray to cool fire-exposed surfaces and containers.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Use cautious judgment when cleaning up spill. Shut off leaks, if possible without personal risk. Wear suitable protective clothing, gloves and eye/face protection. Evacuate personnel to safe areas.

**Environmental Precautions:** Construct a dike to prevent spreading. Keep out of sewers, storm drains, surface waters, and soils.

**Clean-up Methods:** **Small spills:** Soak up with absorbent material such as clay, sand or other suitable non-reactive material. Place in leak-proof containers. Seal tightly for proper disposal. **Large spills:** Approach suspected leak areas with caution. Create a dike or trench to contain material. Soak up with absorbent material such as clay, sand or other suitable non-reactive material. Place in leak-proof containers. Seal tightly for proper disposal.

**Additional Information:** Notify authorities if any exposures to the general public or environment occur or are likely to occur. Dispose in accordance with federal, state, and local regulations.

**7. HANDLING AND STORAGE**

**Handling (Personnel):** To prevent skin and eyes contact under the foreseeable conditions of use, wear appropriate protective clothing and safety eyewear. When handling, do not eat, drink, or smoke. Wash thoroughly after handling. Avoid breathing fumes. Handle in a well-ventilated work area.

**Handling (Physical Aspects):** Close container after each use. Keep away from heat, sparks and flames.

**Storage:** Keep away from acids, heavy metals, alkalis, and reducing agents. Store in a cool, dry, well-ventilated area in closed containers away from source of heat and direct sunlight. Recommended storage temperatures: 32°F - 80°F (0°C - 27°C). Protect containers from physical damage.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Exposure Limits:	Chemical Name	ACGIH (TLV)	OSHA (PEL)
	Dibenzoyl peroxide	3 mg/m <sup>3</sup>	100 ppm

**Engineering Controls:** Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure techniques may be used to effectively minimize employee exposures.

**Eye Protection:** When engaged in activities where product could contact the eye, wear safety glasses with side shields, chemical splash goggles, or face shield.

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- Skin Protection:** Skin contact should be minimized through use of Nitrile, neoprene or butyl gloves and suitable long sleeved clothing. Consideration must be given both to durability as well as permeation resistance.
- Respirator Protection:** Avoid actions that cause dust exposure to occur. Use local or general ventilation to control exposures below applicable exposure limits. NIOSH or MSHA approved particulate filter respirators should be used in the context of respiratory protection program meeting the requirements of the OSHA respiratory protection standard [29 CFR 1910.134] to control exposures when ventilation or other controls are inadequate or discomfort or irritation is experienced. Respirator and/or filter cartridge selection should be based on American National Standards Institute (ANSI) Standards Z88.2 Practices for Respiratory Protection.
- Ventilation:** Use local exhaust or general dilution ventilation to control exposure within applicable limits.
- Work Practice Controls:** Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material:
- (1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.
  - (2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet. Wash exposed skin promptly to remove accidental splashes or contact with this material.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- Physical Form:** Paste
- Color:** Tan or white
- Odor:** No significant odor
- Boiling Point:** N/E
- Freezing Point:** N/E
- SADT :** 122°F (50°C)
- Active Oxygen Content:** <1%
- Vapor Pressure:** N/E
- Flash Point:** 150°F (65.6°C) Closed Cup
- Specific Gravity:** 1.58
- pH:** N/E
- Solubility In Water:** Miscible

**10. STABILITY AND REACTIVITY**

- Stability:** SADT – (Self accelerating decomposition temperature) is the lowest temperature at which self accelerating decomposition may occur with a substance in the packaging as used in transport. A dangerous self-accelerating decomposition reaction and, under circumstances, explosion or fire can be caused by thermal decomposition at and above 122°F (50°C). See Section 7 for recommended storage temperatures.
- Conditions To Avoid:** Incompatible chemicals and temperatures above 122°F (50°C).
- Materials To Avoid:** Avoid contact with rust, iron, and copper. Hazardous decomposition will occur when contact with acids, alkalies, heavy metal, reducing agents, and peroxide accelerators.
- Hazardous Decomposition Products:** Decomposes with heat. Combustion may produce Benzoic Acid, Benzene, Biphenyl, Phenyl Benzoate.
- Hazardous Polymerization:** Polymerization will not occur under normal temperatures and pressure.

**11. TOXICOLOGICAL INFORMATION**

- Acute Toxicity:**
- Oral (LD<sub>50</sub>, Rat):** N/E
- Dermal (LD<sub>50</sub>, Rabbit):** N/E
- Inhalation (LC<sub>50</sub>, Rat):** N/E
- Chronic Health Hazard:** Systemic toxicity in humans has not been reported. Respirable crystalline silica (quartz) can cause silicosis (scarring) of the lungs. Exposure to silica dust is not likely from

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normal use of product. Repeated or prolonged exposure may cause allergic reaction and/or limited sensitization.

**Carcinogenic Classification:** This product has ingredients that are listed as a carcinogen by one or more of the following NTP, OSHA, ACGIH or IARC.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** This product has not been evaluated.  
**Chemical Fate Information:** No data found for product.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal:** This material is a hazardous waste by RCRA criteria (40CFR 261). Dispose of container and unused contents in accordance to local, state and federal regulations.  
**Container Disposal Method:** Emptied container may contain product residue and should not be reused.

## 14. TRANSPORTATION INFORMATION

**DOT/TDG:** Not Regulated For Transport.  
**IATA:** Not Regulated For Transport.  
**IMO:** Not Regulated For Transport.

## 15. REGULATORY INFORMATION

### US FEDERAL REGULATIONS:

**OSHA Hazard Communication Standard (29CFR 1910.1200):**

This product is considered a "hazardous chemical" under this regulation.

**Status Under Toxic Substances Control Act (TSCA) (40 CFR 710):**

All chemical(s) comprising this product are either exempt or listed on the TSCA Inventory.

**EPA Reportable Quantities:**

**Clean Water Act (40CFR Section 112):** Not listed.

**CERCLA Hazardous Substance (40CFR Part 302, Table 302.4):** Not listed.

**EPCRA Extreme Hazardous Substance (40CFR Section 302 Part 355):** Not listed.

**Toxic Chemical Release Inventory (TRI) Reporting - (SARA Title III Section 313 (40 CFR 372)**

**Component(s) above 'de minimus' level):** Dibenzoyl peroxide CAS #94-36-0

**SARA Title III Hazard Classes (40CFR 370 Sections 311 and 312):**

<b>Fire Hazard:</b>	Yes
<b>Reactive Hazard:</b>	Yes
<b>Release of Pressure:</b>	No
<b>Acute Health Hazard:</b>	Yes
<b>Chronic Health Hazard:</b>	Yes

### US STATE REGULATIONS:

**California - "Safe Drinking Water and Toxic Enforcement Act" (Proposition 65):**

This product contains chemicals that are known to the State of California to cause cancer and/or reproductive toxicity and other harm.

### INTERNATIONAL REGULATIONS:

**CANADIAN DSL/ NDSL INVENTORY STATUS:**

Components of this product are listed on the Canadian DSL or NDSL inventories.

**CANADIAN WHMIS CLASSIFICATION and SYMBOLS:**

**Class D-2B:** Material causing other toxic effects



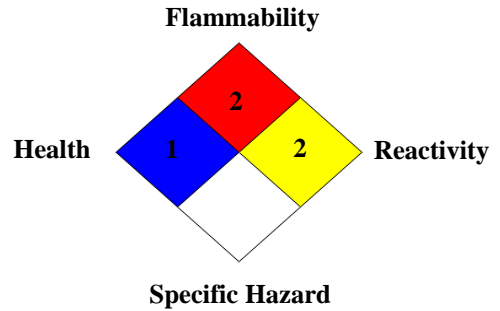
**16. OTHER INFORMATION**

**HAZARD RATINGS:**

**Hazardous Material Information System (HMIS)**

Health	1
Flammability	2
Physical Hazard	2
Personal Protection	B

**National Fire Protection Association (NFPA)**



**HMIS/NFPA Definitions:** 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme

**Protective Equipment:** Safety glasses, gloves

This Material Safety Data Sheet (MSDS) is prepared by Simpson Strong-Tie Company Inc. 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 MSDS. This MSDS 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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