

**1. Identification**

**Product Identification**

**Product Identifier:** AT-XP® (AT-XP10, AT-XP13, AT-XP30)  
**Recommended Use:** Two Component High Strength Acrylic-Based Anchoring Adhesive  
**Use Restrictions:** None Known.  
**UN Number:** 3082  
**Proper Shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Standard Dibenzoyl Peroxide)  
**DG Class:** 9  
**Packing Group:** III  
**Hazchem Code:** 2Y

**Company Identification**

<p><b>Company:</b> Simpson Strong-Tie Australia Pty Limited  <b>Address:</b> Unit 1/16 Kenoma Place          Arndell Park, NSW 2148          Australia  <b>Phone:</b> +612 9831 7700  <b>Website:</b> www.strongtie.com.au  <b>Emergency:</b> 13 11 26</p>	<p><b>Company:</b> Simpson Strong-Tie New Zealand  <b>Address:</b> 28 Arrenway Drive          Albany, Auckland 0632          New Zealand  <b>Phone:</b> +64 9 477 4440  <b>Website:</b> www.strongtie.co.nz  <b>Emergency:</b> 0800 POISON (0800 764 766)</p>
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**2. Hazard Identification**

**General Information**

AT-XP® Anchoring Adhesive is a two part system. The two parts of this product have been assessed according to GHS and are classified below. The final hardened material is considered nonhazardous. Some hazards apply upon grinding or cutting through hardened product.

**Resin (teal side) GHS Classification**

**Classification**

<b>Physical Hazards:</b>	Not Classified.	
<b>Health Hazards:</b>	Skin Corrosion/Irritation	Category 2
	Serious Eye Damage/Irritation	Category 2A
	Sensitization, Skin	Category 1
<b>Environmental Hazards:</b>	Not Classified.	

**Label Elements**



Exclamation Mark

**Signal Word:** **WARNING!**

**Hazard Statements:** Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction.

**Precautionary Statements:**

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Do not eat, drink or smoke when using this product. Do not breathe mist or vapor. Wash hands thoroughly after handling.

**Response:** If exposed or concerned: Get medical advice/attention. If on skin: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. If eye irritation persists: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Storage:** Store locked up. Store in a well-ventilated place. Store between 32-80°F (0-27°C).

**Disposal:** Dispose of contents/container in accordance with local/regional/national regulations.

# AT-XP® Anchoring Adhesive

## SAFETY DATA SHEET

### Initiator (white or tan side) GHS Classification

#### Classification

Physical Hazards:	Flammable Liquids	Category 4
Health Hazards:	Serious Eye Damage/Irritation	Category 2A
	Sensitization, Skin	Category 1
Environmental Hazards:	Acute Aquatic Environment Hazard	Category 1
	Chronic Aquatic Environment Hazard	Category 1

#### Label Elements



Exclamation Mark



Environment

#### Signal Word:

**WARNING!**

#### Hazard Statements:

Combustible liquid. Causes serious eye irritation. May cause an allergic skin reaction. Very toxic to aquatic life with long lasting effects.

#### Precautionary Statements:

##### Prevention:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from flames and hot surfaces. No smoking. Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling. Contaminated clothing must not be allowed out of the workplace. Avoid release to the environment.

##### Response:

In case of fire: Use appropriate media for extinction. If exposed or concerned: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

##### Storage:

Store locked up. Store in a well-ventilated place. Store between 32-80°F (0-27°C).

##### Disposal:

Dispose of contents/container in accordance with local/regional/national regulations.

### Hazards Not Otherwise Classified (HNOC)

The above hazards are for the uncured components of AT-XP. Upon combination an innocuous solid is formed which does not present any immediate hazards. Upon grinding or cutting the cured product the following hazards may apply.



Chronic Health

#### Health Hazard:

Carcinogenicity  
STOT, Repeated Exposure

Category 1A  
Category 2 (Lung)

#### Hazard Statements:

May cause cancer. May cause damage to organs through prolonged or repeated exposure.

#### Precautionary Statements:

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.

#### Resin (teal side)

Chemical Name	CAS Number	Weight %
Portland Cement	65997-15-1	20-30
Calcined Clay	66402-68-4	10-20
Ethoxylated Bisphenol-A Dimethacrylate	41637-38-1	10-20
Propylidynetrimethyl Trimethyl Trimethacrylate	3290-92-4	10-20
Crystalline Silica, Quartz	14808-60-7	1-5
Tetrahydrofurfuryl methacrylate	2455-24-5	5-10

**Initiator (white or tan side)**

Chemical Name	CAS Number	Weight %
Dibenzoyl Peroxide	94-36-0	10-15
White Mineral Oil (petroleum)	8042-47-5	10-15
Titanium Dioxide	13463-67-7	5-10
Kaolin	1332-58-7	1-5
Silicon Dioxide	7631-86-9	1-5

**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. You should call the Poisons Information Center if you feel you may have been harmed, burned, or irritated by this product. The number is 13 11 26 (24hr). Ready access to running water and accessible eyewash is required. 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. If redness, burning, or swelling 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**

Irritant effects. Rash. Sensitization. Prolonged exposure may cause chronic effects.

**5. Fire-Fighting Measures**

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

**Unsuitable Extinguishing Media:** Do not use water jet as an extinguisher as this will spread the fire.

**Fire and Explosion Hazard:** There are no specific risks for fire/explosion for this chemical.

**Hazards during Fire-Fighting:** Irritating and toxic gases/fumes may be released during a fire. May re-ignite after fire is extinguished. Sealed containers may rupture when heated.

**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.

**Hazchem Code:** 2Y (resin)/ 2Z (initiator)

**Combustion Products:** Carbon dioxide, carbon monoxide, oxides of nitrogen, and other organic compounds. Benzoic acid. Benzene. Biphenyl. Phenyl Benzoate.

**6. Accidental Release Measures**

**Personal Precautions**

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). 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.

**Clean-Up Methods**

**Small spills:** Wipe up with absorbent material (e.g. cloth, fleece). Place in leak-proof containers. Seal tightly. Clean surface thoroughly to remove residual contamination.

**Large spills:** Stop the flow of material, if this is without risk. Dike far ahead of spill for later disposal. 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.

# AT-XP® Anchoring Adhesive

## SAFETY DATA SHEET

### 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

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 not drink, eat, or smoke. Use only in well-ventilated places. Wash thoroughly after handling. Observe good industrial hygiene practices.

### Storage

Store in a closed container away from incompatible materials. Keep in original container. Keep container tightly closed. Store in a dry place out of direct sunlight. Store between 32-80°F (0-27°C). Keep away from heat and sources of ignition. Store in a well-ventilated place. Store locked up. Protect container from physical damage.

## 8. Exposure Controls / Personal Protection

### Exposure Limits

Component	Australia National Workplace OELs	New Zealand WES	US. ACGIH (TLV)	South Africa R:1179 (1995) OELs
Portland Cement (65997-15-1)	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	1 mg/m <sup>3</sup> (TWA, respirable)	5 mg/m <sup>3</sup> (respirable) 10 mg/m <sup>3</sup> (total)
Quartz** (14808-60-7)	0.1 mg/m <sup>3</sup>	0.2 mg/m <sup>3</sup> (respirable)	0.025 mg/m <sup>3</sup> (respirable)	0.4 mg/m <sup>3</sup>
Propylidynetrimethyl Trimethacrylate (3290-92-4)*	N/E	N/E	1 mg/m <sup>3</sup> (TWA) (US. NIOSH)	N/E
Dibenzoyl Peroxide (94-36-0)	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>
Kaolin** (1332-58-7)	10 mg/m <sup>3</sup>	2 mg/m <sup>3</sup> (respirable)	2 mg/m <sup>3</sup> (respirable)	N/E
Titanium Dioxide** (13463-67-7)	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Silicon Dioxide** (7631-86-9)	2 mg/m <sup>3</sup>	N/E	N/E	0.1 mg/m <sup>3</sup>
White Mineral Oil, petroleum (8042-47-5)	N/E	N/E	10 mg/m <sup>3</sup> (STEL, mist) (US. NIOSH)	N/E

\*Skin Designation: Material can be adsorbed through the skin

\*\*after cure hazard, avoid breathing dust

### Personal Protective Equipment

<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 sleeved shirts/long pants and other clothing as required to minimize contact. Avoid contact with unhardened Portland Cement products. If contact occurs, wash immediately with soap and water.
<b>Respirator Protection:</b>	The use of a respirator is not required during regular use of this product. An NIOSH or MSHA 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 (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Ready access to running water is required. Provide eyewash station.

**Additional Information**

**After Cure:** Product forms an innocuous solid. Processing after cure (grinding or cutting) may produce dust containing compounds that present an inhalation hazard.

**9. Physical and Chemical Properties**

<u>Property</u>	<u>Resin</u>	<u>Initiator</u>
<b>Physical State:</b>	Liquid, Paste	Liquid, Paste
<b>Color:</b>	Teal	White or Tan
<b>Odor:</b>	No Significant Odor	No Significant Odor
<b>pH:</b>	No data	No data
<b>Flammability limit – lower %:</b>	No data	No data
<b>Flammability limit – upper %:</b>	No data	No data
<b>Vapor Pressure:</b>	No data	No data
<b>Vapor Density:</b>	No data	No data
<b>Solubility:</b>	Slight	Miscible
<b>Freezing/Melting Point:</b>	No data	No data
<b>Boiling Point:</b>	No data	No data
<b>Flash Point:</b>	>200 °F (>93.3 °C) Closed Cup	159 °F (70.6 °C) Closed Cup
<b>Evaporation Rate:</b>	No data	No data
<b>Decomposition Temperature:</b>	No data	122°F (50°C) (SADT)
<b>Specific Gravity:</b>	No data	1.58
<b>VOC (after cure):</b>	30 g/L	30 g/L
<b>Kow:</b>	No data	No data
<b>Viscosity:</b>	No data	No data
<b>Corrosiveness:</b>	Non-corrosive	Non-corrosive

**10. Stability and Reactivity**

**Resin (teal side)**

**Reactivity:** Oxidizing, avoid contact with reducing agents.  
**Chemical Stability:** Stable under normal storage conditions.  
**Condition to Avoid:** Heat, sparks, flame, elevated temperatures.  
**Substances to Avoid:** Oxidizing and reducing agents.  
**Hazardous Reactions:** The product is stable if stored and handled as prescribed/indicated. Hazardous polymerization can occur with excessive heat.  
**Decomposition Products:** Carbon dioxide, carbon monoxide, oxides of nitrogen, and other organic compounds.

**Initiator (white or tan side)**

**Reactivity:** This product is stable and non-reactive under normal conditions.  
**Chemical Stability:** Stable under normal storage conditions.  
**Condition to Avoid:** Avoid conditions over 113°F (45°C).  
**Substances to Avoid:** Rust, iron, copper. Hazardous decomposition will occur when in contact with acids, alkalis, heavy metal, reducing agents, and peroxide accelerators.  
**Hazardous Reactions:** The product is stable if stored and handled as prescribed/indicated.  
**Decomposition Products:** Benzoic acid. Benzene. Biphenyl. Phenyl Benzoate.

**11. Toxicological Information**

**Likely Routes of Exposure**

**Ingestion:** Ingestion may cause irritation to the gastrointestinal tract.  
**Inhalation:** This material is a viscous liquid to semi-solid that does not easily form vapors. Inhalation of dust from grinding/cutting cured product may irritate the respiratory tract.  
**Skin contact:** Causes skin irritation.  
**Eye contact:** Causes serious eye irritation.

**Information on Toxicological Effects – Supporting Data**

**Acute toxicity:** Occupational exposure to the substance or mixture may cause adverse effects.

Product	Species	Test Result
AT-XP Resin (CAS mixture)	<b>Acute, Dermal</b> , LC50	Rabbit >1000 mg/kg
	<b>Acute, Oral</b> , LD50	Rat >5000 mg/kg
AT-XP Initiator (CAS mixture)	<b>Acute, Dermal</b> , LC50	Rabbit >1000 mg/kg
	<b>Acute, Oral</b> , LD50	Rat >5000 mg/kg

**Skin corrosion/irritation:** Causes skin irritation.  
**Eye damage/eye irritation:** Causes serious eye irritation.  
**Respiratory sensitization:** No data available.  
**Skin sensitization:** May cause an allergic skin reaction.  
**Germ cell mutagenicity:** The available data does not indicate that any ingredient of this product present at greater than 0.1% are mutagenic or genotoxic.  
**Carcinogenicity:** May cause cancer. Both components of this product contain ingredients that are listed carcinogens. Quartz and Titanium Dioxide are considered carcinogens only in their inhalable form. Due to the nature of this product inhalation is highly unlikely. Exposure to respirable Quartz and Titanium Dioxide is likely only when grinding or cutting cured product, ensure good work practice and use of personal protective equipment as needed to control exposure.  
**IARC Monographs. Overall Evaluation of Carcinogenicity**  
 Quartz (14808-60-7) 1 Carcinogenic to humans.  
 Titanium Dioxide (13463-67-7) 2B Possibly Carcinogenic to humans.  
 Dibenzoyl Peroxide (94-36-0) 3 Not classifiable as to carcinogenicity to humans.  
 Silicon Dioxide (7631-86-9) 3 Not classifiable as to carcinogenicity to humans.  
**Reproductive toxicity:** No data available.  
**Aspiration hazard:** Due to the physical form of this product it is not an aspiration hazard.  
**Specific target organ toxicity:**  
**Single exposure** No data available.  
**Repeated exposure** May cause damage to organs (Lung) through prolonged or repeated exposure.

**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 the components and the ecotoxicity of similar products. Resin is not classified as environmentally hazardous. Initiator is classified as very toxic to aquatic life with long lasting effects. Avoid release to the environment.

**Supporting Data**

Component	Species	Test Result
Tetrahydrofurfuryl Methacrylate (2455-24-5)	<b>Aquatic</b> , Fish, LC50	Fathead minnow 31.1-38.8 mg/l, 96 hours
	<b>Aquatic Acute</b> , Algae, LC50	Pseudokirchnerella subcapitata 0.0711 mg/l, 72 hours
Dibenzoyl Peroxide (94-36-0)	<b>Aquatic Acute</b> , Crustacea, EC50	Daphnia magna 0.11 mg/l, 48 hours
	<b>Aquatic Acute</b> , Fish, EC50	Oncorhynchus mykiss 0.0602 mg/l, 96 hours

**Persistence and degradability:** No data available.  
**Bioaccumulative potential:** No data available for this product.  
**Partition coefficient n-octanol / water (log Kow)**  
 Dibenzoyl Peroxide (94-36-0) 3.46  
 Ethoxylated Bisphenol-A Dimethacrylate 5.3 - 5.62  
**Mobility in soil:** 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.

**13. Disposal Consideration**

**General Disposal:** 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.

**Local Disposal:** Dispose of in accordance with local regulations.

**Waste Residue/ Unused Product:** Dispose of waste and residue in accordance with local authority requirements.

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

**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.

**14. Transportation Information**

**Resin (teal side)**

Resin is not regulated as a dangerous good for transportation.

**Initiator (white or tan side)**

**UN number:** UN3082

**UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Standard Dibenzoyl Peroxide), 9, III, Marine Pollutant

**Transport hazard class(es):** 9

**Precautions:** Marine Pollutant

**Packing group:** III

**Required Labels:** 9

**Hazard ID (ADG):** D3Z

**ERG Code (IATA):** 9L

**EmS (IMDG):** F-A, S-F

**Hazchem Code:** 2Y

**Hazard No. (ADR):** 90

**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**

**Australian National Regulations**

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.

No poisons schedule number was allocated for any Australian Medicines & Poisons Appendix.

**Listing in the Australian Inventory of Chemical Substances**

Chemical	AICS Listing
Portland Cement (CAS 65997-15-1)	High Volume Industrial Chemicals List (HVICL)
Calcined Clay (CAS 66402-68-4) <i>Listed as Ceramic materials and wares, chemicals</i>	High Volume Industrial Chemicals List (HVICL)
Ethoxylated Bisphenol-A Dimethacrylate (CAS 41637-38-1) <i>Listed as Poly(oxy-1,2-ethanediyl), .alpha.,.alpha.'-[(1-methylethylidene) di-4,1-phenylene]bis[.omega.-[(2-methyl-1-oxo-2-propenyl)oxy]-</i>	Listed

# AT-XP® Anchoring Adhesive

## SAFETY DATA SHEET

Chemical	AICS Listing
Propylidynetimethyl Trimethyl Trimethacrylate (CAS 3290-92-4) <i>Listed as 2-Propenoic acid, 2-methyl-, 2-ethyl-2-[[[(2-methyl-1-oxo-2-propenyl)oxy]methyl]-1,3-propanediyl ester</i>	Listed
Crystalline Silica, Quartz (SiO <sub>2</sub> ) (CAS 14808-60-7)	Hazardous Substance International Program on Chemical Safety (IPCS) – CICAD High Volume Industrial Chemicals List (HVICL)
Tetrahydrofurfuryl methacrylate (CAS 2455-24-5) <i>Listed as 2-Propenoic acid, 2-methyl-, (tetrahydro-2-furanyl) methyl ester</i>	Listed
Dibenzoyl Peroxide (CAS 94-36-0)	Hazardous Substance International Program on Chemical Safety (IPCS) – SIDS
White Mineral Oil (petroleum) (CAS 8042-47-5)	High Volume Industrial Chemicals List (HVICL)
Titanium Dioxide (CAS 13463-67-7) <i>Listed as Titanium Oxide (TiO<sub>2</sub>)</i>	High Volume Industrial Chemicals List (HVICL)
Kaolin (CAS 1332-58-7)	International Program on Chemical Safety (IPCS) – EHC High Volume Industrial Chemicals List (HVICL)
Silicon Dioxide (CAS 7631-86-9) <i>Listed as Silica (O<sub>2</sub>Si)</i>	High Volume Industrial Chemicals List (HVICL)

### New Zealand National Regulations

Prepared according to 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.

**HSNO: RESIN: 6.3A Skin Corrosion/Irritation; 6.4A Eye Corrosion/Irritation; 6.5B Skin Sensitization. INITIATOR: 3.1D Flammable Liquids; 6.3A; Eye Corrosion/Irritation; 6.5B Skin Sensitization; 9.1D Aquatic Toxicity (Acute); 9.1B Aquatic Toxicity (Chronic).**

### New Zealand Inventory of Chemicals (NZIoC)

Chemical	Registration Status
Portland Cement (CAS 65997-15-1) <i>Listed as Cement, portland, chemicals</i>	May be used as a single component chemical under an appropriate group standard.
Calcined Clay (CAS 66402-68-4) <i>Listed as Ceramic materials and wares, chemicals</i>	May be used as a single component chemical under an appropriate group standard.
Ethoxylated Bisphenol-A Dimethacrylate (CAS 41637-38-1) <i>Listed as Poly(oxy-1,2-ethanediyl), .alpha.,.alpha.'-[(1-methylethylidene) di-4,1-phenylene]bis[.omega.-[(2-methyl-1-oxo-2-propenyl)oxy]-</i>	HSNO Approved (HSR007296)
Propylidynetimethyl Trimethyl Trimethacrylate (CAS 3290-92-4) <i>Listed as 2-Propenoic acid, 2-methyl-, 2-ethyl-2-[[[(2-methyl-1-oxo-2-propenyl)oxy]methyl]-1,3-propanediyl ester</i>	HSNO Approved (HSR006025(dilution))
Crystalline Silica, Quartz (SiO <sub>2</sub> ) (CAS 14808-60-7)	HSNO Approved (HSR003125)
Tetrahydrofurfuryl methacrylate (CAS 2455-24-5) <i>Listed as 2-Propenoic acid, 2-methyl-, (tetrahydro-2-furanyl) methyl ester</i>	May be used as a component in a product covered by a group standard but it is not approved for use as a chemical in its own right.
Dibenzoyl Peroxide (CAS 94-36-0)	HSNO Approved (HSR001372(dilution)); (HSR007398(dilution))
White Mineral Oil (petroleum) (CAS 8042-47-5)	May be used as a single component chemical under an appropriate group standard.
Titanium Dioxide (CAS 13463-67-7) <i>Listed as Titanium Oxide (TiO<sub>2</sub>)</i>	May be used as a single component chemical under an appropriate group standard.
Kaolin (CAS 1332-58-7)	May be used as a single component chemical under an appropriate group standard.
Silicon Dioxide (CAS 7631-86-9) <i>Listed as Silica (O<sub>2</sub>Si)</i>	May be used as a single component chemical under an appropriate group standard.



# AT-XP® Anchoring Adhesive

## SAFETY DATA SHEET



### 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:** Michael Herbert & Herbert Kuhn

**REGISTRATION #:** 2012/052288/07

**VAT #:** 4190262362

### South African Safety, Health, and Environmental regulations specific for this product:

Hazardous Substances Act of 1973 (Act No. 15 of 1973): Not listed.

### 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.

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

Country or Region	Inventory	On Inventory? (Yes/No)
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)/ Non-Domestic Substances List (NDSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

"Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

"No" indicates that one or more components of the product are not listed or exempt from listing.

### 16. Other Information

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### Abbreviations

**ACGIH:** American Conference of Governmental Industrial Hygienists  
**AICS:** Australian Inventory of Chemical Substances  
**CAS No.:** Chemical Abstract Service Registry Number  
**CPR:** Controlled Product Regulations (Canada)  
**ES:** Exposure Standard

# AT-XP® Anchoring Adhesive

## SAFETY DATA SHEET

<b>GHS:</b>	Globally Harmonized System of Classification and Labeling of Chemicals
<b>HazChem Code:</b>	Emergency action code of numbers and letters that provide information to emergency services.
<b>HEPA:</b>	High-Efficiency Particulate Air
<b>HSNO:</b>	Hazardous Substances and New Organisms Act (New Zealand)
<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>Kow:</b>	Octanol-Water Partition Coefficient
<b>LPP:</b>	Límite Permisible Ponderado (Chile)
<b>NIOSH:</b>	National Institute of Occupational Safety and Health (U.S.)
<b>NTP:</b>	National Toxicology Program (US)
<b>NZIoC:</b>	New Zealand Inventory of Chemicals
<b>OELs:</b>	Occupational Exposure Limits
<b>PEL:</b>	Permissible Exposure Limit
<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>UK:</b>	United Kingdom
<b>U.S.:</b>	United States
<b>VOC:</b>	Volatile Organic Compounds
<b>WELs:</b>	Workplace Exposure Limits

### Disclaimer

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