



**BLUESTONE PRODUCTS**  
**A TCC Materials Company**  
 2025 Centre Pointe Boulevard  
 Mendota Heights, MN 55120-1221

**Emergency Telephone Number:**  
 651-688-9116  
**Information Telephone Number**  
 651-905-8137

**Revision Date**  
 June 2021

**Section 1: Product Identification**

Product Type: Bonding

**Product Name:**  
 Tenon™ Mighty Bond™

**Section 2: Hazard Identification**

Product poses little hazard in ordinary use. Eye and skin irritation may occur from direct contact.

Warning: Do not ingest. Causes eye and skin irritation. Harmful to aquatic life.

This product has been evaluated according to GHS and 29CFR1910.1200, Appendix A. It is categorized as a Health Hazard – Skin Irritant Category 3 and Eye Irritant – Category 2B. It is classified as Hazardous to the Aquatic Environment – Category 3.

HMIS® Rating: Health: 0 Fire: 0 Reactivity: 0  
*HMIS® is a registered trademark of the National Paint and Coatings Association  
 Rating is based on potential for ethanol.*

**Section 3: Hazardous Ingredients/Composition**

Ingredient	Typical Percentage	CAS #
Water.....	35-75%	7732-18-5
Acrylic copolymer .....	25-40%	*
Nonionic surfactant.....	<3%	*

\*Specific chemical identities withheld as trade secret. It is available upon request to health professionals, employees and their designated representatives in accord with 29CFR1910.1200(i).

**Section 4: First Aid Measures**

**Inhalation:**  
 Unlikely to be an inhalation hazard.



**Eye contact:**

Hold eyelids apart and flush eyes with plenty of water. At least fifteen minutes of flushing is recommended for any chemical contact. If any irritation persists, get medical attention.

**Skin Contact:**

Wash off with soap and water.

**Ingestion:**

Check with the Poison Control Center or a doctor. Do not induce vomiting. .

**Symptoms of overexposure:** Direct contact can cause eye irritation. Repeated or extensive contact can cause skin irritation. May cause nose and throat irritation if inhaled, but not a likely route of exposure.

**Note to physician:** Treat according to symptoms. No known specific antidote.

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**Section 5: Fire Fighting Measures**

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**Fire extinguishing media:** Appropriate for surrounding materials (carbon dioxide, water spray, dry chemical, foam).

**Special fire fighting procedures:** none

**Unusual fire and explosion hazards:** None expected

**Hazardous combustion products:** carbon monoxide, carbon dioxide, carbon products such as acrylates from incomplete combustion

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**Section 6: Accidental Release Measures**

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Contain and soak up with absorbent material. Clean area with water.

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**Section 7: Handling and Storage**

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To protect the product, keep from freezing or excessive heat. May coagulate if frozen or after extended storage. Can develop a bacterial odor after extended storage.

Keep container tightly closed.

Wash hands after use.

Do not eat, drink, or use tobacco products when handling any chemical products.

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**Section 8: Exposure Controls/Personal Protection**

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**Occupational Exposure Limits:**

None established

(No OSHA PEL. No ACGIH TLV®. No NIOSH REL)

**Engineering Controls:**

No special measures are needed.  
Local exhaust ventilation is not required

**Personal protective equipment**

**Respiratory protection:** Not required under conditions of normal use.

**Skin protection:** Wear water-impermeable gloves such as neoprene, nitrile, PVC, or natural rubber gloves, particularly for prolonged contact. Use face shield if splashing is likely.

**Eye protection:** Wear chemical safety goggles if eye contact may be likely.

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**Section 9: Physical and Chemical Properties**

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**Appearance and odor:** milky white liquid, mild odor (similar to latex paint)

**Flash point:** noncombustible.

**Flammable limits:** N/A

**Boiling Point:** 212°F (estimated)

**Freezing point:** ~ 32°F (estimated)

**Specific Gravity:** 1.05

**Solubility in water:** miscible

**pH:** 7-8

**Evaporation rate (butyl acetate = 1):** <1 (equivalent to water)

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**Section 10: Stability and Reactivity**

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**Stability:** stable

**Conditions to avoid:** none known.

**Incompatibility:** strong oxidizing agents

**Hazardous polymerization:** will not occur

**Hazardous decomposition products:** none likely unless material is in a fire.

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**Section 11: Toxicological Information**

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Not considered acutely toxic.

No ingredients are listed as carcinogenic according to IARC, ACGIH, NTP, or OSHA.  
Not a sensitizer.

For acrylic copolymer:

Oral LD50 (rat): >2000 mg/kg (similar material)

Dermal LD50 (rat): >2000 mg/kg (similar material)

Aquatic toxicity for acrylic copolymer + surfactant (species not specified)  
LC50 >100 mg/L

For nonionic surfactant:

Oral LD50 (rat): 4000 mg/kg

LC50 for fish (Bluegill): >10 mg/L (96 hours)

LC50 for Mysid shrimp = 0.26 mg/L

Based on toxicity to shrimp, classify as Hazardous to the Aquatic Environment, Category 3.

**Applicable hazard statements:**

H316. Causes mild skin irritation

H320 Causes eye irritation

H402: Harmful to aquatic life.

**Applicable Precautionary Statements**

P332+P313: If skin irritation occurs, get medical attention.

P264: Wash hands thoroughly after handling.

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 attention.

P273: Avoid uncontrolled release to the environment.

P501: Dispose of contents in accordance with local, state, and federal regulations.

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**Section 12: Ecological Information**

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**Ecotoxicity** Product as a whole has not been tested. Material similar to acrylic copolymer/surfactant was practically nontoxic to aquatic organisms, but surfactant alone was highly toxic to Mysid shrimp.

**Persistence and degradability:** Not likely to biodegrade

**Mobility in soil:** no information available.

**Bioaccumulation:** based on ingredients, not likely to bioaccumulate

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**Section 13: Disposal Considerations**

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Do not sewer or dump on the ground

As provided, not a RCRA-regulated waste.

Dispose of in accordance with federal, state, and local regulations.

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**Section 14: Transportation**

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Not a DOT-regulated hazardous material. Not classified as dangerous goods for DOT, IATA, IMDG, TDG

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**Section 15: Regulatory Information**

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This product does not contain 0.1% or more of any

- Chemicals regulated under:  
CERCLA  
SARA 302 EHS  
SARA 311/312  
SARA 313
- Hazardous Air Pollutants.
- Chemicals known to the state of California to cause cancer or reproductive effects.
- Chemicals on the New Jersey Right to Know Hazardous Substance List

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**Section 16: Other Information**

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Additional information on the product is available at. [www.tccmaterials.com](http://www.tccmaterials.com)

**Date and Revision: 24 June 2021, Revision 1.3**

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