



## SeaTak® – Underwater Adhesive

### Technical Data Sheet

Version 2.0 - 1/22/2025

<b>Description:</b>	Easy to use one-part adhesive formulated for use in wet and underwater environments. SeaTak® remains tacky in wet environments and maintains adhesive bonds underwater. Combined with its non-sag and thixotropic features, SeaTak® delivers superior adhesion in the most challenging environments.
<b>Intended Use:</b>	Adhesive bonding of metals, plastics, rubbers, wood, and other materials in wet or underwater environments.
<b>Product Features:</b>	<p><b>Minimal surface preparation required.</b></p> <p><b>One-part system for easy use and application.</b></p> <p><b>Wets surfaces underwater.</b></p> <p><b>Retains tack in wet and underwater conditions.</b></p> <p><b>Forms strong adhesive bonds when applied and cured underwater.</b></p> <p><b>Thick non-sag formulation allows application to surface with any orientation.</b></p>

**Typical Physical Properties:**

*Technical data should be considered representative or typical only and should not be used for <sup>f1</sup> specification purposes.*

#### **Underwater Applied and Cured 7 Days @75 F – Tensile Strength Test**

*Testing performed at MPI Laboratories (Bethlehem, PA)*

<b>Adhesive Tensile Lap Shear (Cold Rolled Steel):</b>	<b>1,200 psi (ASTM D 1002)</b>
<b>Adhesive Tensile Lap Shear (PMMA/Polycarb):</b>	<b>600 psi (ASTM D 1002)</b>
<b>Adhesive Tensile Lap Shear (Rigid PVC):</b>	<b>Substrate Failure (ASTM D 1002)</b>
<b>Adhesive Tensile Lap Shear (Hard Wood):</b>	<b>Substrate Failure (ASTM D 1002)</b>
<b>Adhesive Tensile Lab Shear (Concrete):</b>	<b>Substrate Failure (ASTM D 1002)</b>

#### **Uncured**

<b>Working Time Underwater:</b>	<b>20 minutes</b>
<b>Working Time Dry:</b>	<b>1-2 hours</b>
<b>Firm Set Underwater:</b>	<b>60 minutes</b>
<b>Full Cure Underwater:</b>	<b>24 hours</b>
<b>Vertical Sag:</b>	<b>0.0 inches (ASTM D2202)</b>
<b>Relative Density (72 F):</b>	<b>1.3</b>
<b>Weight:</b>	<b>11 lbs./gallon (@ 72 F)</b>

**Storage & Shelf Life:**

Store between 55F and 75F. Continuous storage above 75 F reduces the shelf life of the materials. Prolonged exposure above 100F should be avoided. Under recommended storage conditions, the materials referred to in this data sheet have a shelf life of approximately one year.

**Instructions & Application:**

- 1) Use blade or hacksaw to remove tip of sealed container



- 2) Using a blade, cut the provided application tip to the desired bead size and screw application tip to cartridge
- 3) Wipe surface clean with a dry or damp rag as needed to remove any loose debris or dirt. While not required, adhesion may be improved by using a wire brush or steel wool to remove any surface contamination. Wipe surface clean of debris following any abrasive surface treatment.
- 4) Apply a generous bead of SeaTak® to bonding surface.
- 5) Once applied to the surface, use a shearing motion with a spatula, putty knife, or gloved finger to easily wet the adhesive to any area requiring bonding or sealing.
- 6) Use acetone or isopropyl alcohol to remove any undesired uncured adhesive from substrate or hands.

**Precautions:**

Please refer to the appropriate material safety data sheet (SDS) prior to using this product.

**Warranty:**

Mussel Polymer, Inc. will replace any material found to be defective. Because the storage, handling, and application of this material is beyond our control, we can accept no liability for the results obtained,

**Disclaimer:**

All information on this data sheet is based on laboratory testing and is not intended for design purposes. Mussel Polymers, Inc make no representations or warranties of any kind concerning this data.