DESCRIPTION
SCIGRIP® SG7706 adhesive is a two-part methacrylate, structural rodding and clip bonding adhesive designed for the structural bonding of sink clips, steel and fiberglass rodding materials, and steel and aluminum to solid surface (acrylic and polyester), engineered stone, quartz surfaces, and natural stone products. Combined at a ratio of 1:1, SG7706 has a working time of 4 to 8 minutes and achieves nearly 90 percent of its ultimate strength in 10 to 15 minutes at room temperature curing. SG7706 provides high strength bonds to acrylic solid surface, polyester solid surface (both filled and unfilled), and solid surface (combinations of both acrylic and polyester solid surface resins) and the steel clips, rods, fiberglass and other materials. SG7706 has high strength bonds to carbon steel, stainless steel, and aluminum alloys. SG7706 is NOT UV STABLE, AND WILL YELLOW OVER TIME and must not be used to create imperceptible seams in countertops. However, this yellowing will not affect bond performance, but will affect bond appearance. SG7706 is available in 50 ml and 400 ml cartridges.

TYPICAL ADHESIVE CHARACTERISTICS @ 75°F (24°C)

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Translucent</td>
<td>Amber</td>
<td>Amber</td>
</tr>
<tr>
<td>Mix ratio by volume</td>
<td>1</td>
<td>1</td>
<td>—</td>
</tr>
<tr>
<td>Mix ratio by weight</td>
<td>1</td>
<td>1</td>
<td>—</td>
</tr>
<tr>
<td>Density, g/cc</td>
<td>0.98</td>
<td>0.96</td>
<td>0.97</td>
</tr>
<tr>
<td>Density, lb/gallon</td>
<td>8.2</td>
<td>8.0</td>
<td>8.1</td>
</tr>
<tr>
<td>Viscosity, cps</td>
<td>30,000 – 50,000</td>
<td>70,000 – 100,000</td>
<td>—</td>
</tr>
</tbody>
</table>

TYPICAL PHYSICAL PROPERTIES @ 75°F (24°C)

- Working Time: 4 to 8 minutes
- Operating Temperature: 65°F to 85°F (18°C to 30°C)
- Fixture Time: 10 to 15 minutes
- Gap Filling: .250 inches
- Can Be Moved In: 20 to 25 minutes
- Flash Point: 51°F (11°C) – See MSDS for more safety information

MECHANICAL PROPERTIES

<table>
<thead>
<tr>
<th>Typical Lap Shear</th>
<th>Substrate</th>
<th>Results</th>
<th>Failure Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strength, psi</td>
<td>Acrylic Solid Surface</td>
<td>2,500 - 3,000</td>
<td>Cohesive</td>
</tr>
<tr>
<td>Strength, psi</td>
<td>Polyester Solid Surface</td>
<td>2,500 – 3,000</td>
<td>Substrate</td>
</tr>
<tr>
<td>Strength, psi</td>
<td>Steel/Stainless Steel</td>
<td>2,800 – 3,500</td>
<td>Cohesive</td>
</tr>
<tr>
<td>Strength, psi</td>
<td>Aluminum</td>
<td>2,000 – 2,500</td>
<td>Cohesive</td>
</tr>
</tbody>
</table>

CHEMICAL RESISTANCE

- ✓ Hydrocarbons
- ✓ Wine and Condiments
- ✓ Acids and Bases
- ✓ Most Household Foods
- ✓ Vinegar

- ✗ Polar Solvents
- ✗ Super Strong Acids and Bases

NOTE:
This product is intended for use by skilled individuals at their own risk. Recommendations contained herein are based on information we believe to be reliable. The properties and strength values presented above are typical properties obtained under controlled laboratory conditions. They are intended to be used only as a guide for selection. The ultimate suitability for any intended application must be verified by the end user under anticipated end-use conditions. Since specific use, materials and product handling are not controlled by SCIGRIP, our warranty is limited to the replacement of defective SCIGRIP product only.

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PRODUCT APPLICATION & USE:

To ensure consistent performance, product temperatures must be held reasonably constant between 65°F (18°C) and 80°F (27°C). Substrate preparation, adhesive/activator ratio, application temperature, humidity and a variety of other environmental and end user application factors are beyond the control of IPS Adhesives; therefore, the end user is solely responsible for determining whether the product is fit for a specific purpose and suitable for the user’s product, design and final application requirements.

IMPORTANT NOTES

a. SUBSTRATE AND APPLICATION COMPATIBILITY. The user must determine the suitability of a selected adhesive for a given substrate and application. SCIGRIP strongly recommends laboratory, shop and end-use testing that simulates the actual manufacturing and end-use environment.

b. SURFACE PREPARATION. The need for surface preparation must be determined by comparative testing of prepared and unprepared substrates to assure that unprepared bonding is equivalent to or acceptable for the application relative to prepared bonding. Initial bonding tests must be followed up with simulated or actual durability tests to assure that surface conditions do not lead to degradation of the bond over time under service conditions. Subsequent changes in substrates or bonding conditions will require re-testing.

c. TECHNICAL ASSISTANCE. Contact your SCIGRIP representative for questions or assistance with the selection of adhesives and methods for evaluating adhesives for your intended application.

NOTE: This product is intended for use by skilled individuals at their own risk. Recommendations contained herein are based on information we believe to be reliable. The properties and strength values presented above are typical properties obtained under controlled conditions at the SCIGRIP laboratory. They are intended to be used only as a guide for selection for end-use evaluation. The ultimate suitability for any intended application must be verified by the end user under anticipated test conditions. Since specific use, materials and product handling are not controlled by SCIGRIP, our warranty is limited to the replacement of defective SCIGRIP products.

Limited Warranty: Seller warrants to the original Buyer of the goods that all new Seller goods shall be free from defects in material and workmanship for the published shelf life of the good. If any Seller good fails to conform to this Limited Warranty under normal use and storage conditions, and if the original Buyer complies with the terms of this Limited Warranty, then Seller will, without charge to Buyer, replace the nonconforming good.

This Limited Warranty shall not extend to, nor shall Seller be responsible for, damages or loss resulting from accident, misuse, negligent use, improper storage, or improper application.

THIS LIMITED WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES. SELLER MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, EITHER IN FACT OR BY OPERATION OF LAW, STATUTORY OR OTHERWISE, AND EXPRESSLY DISCLAIMS ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, ARISING FROM A COURSE OF DEALINGS, AND/OR FROM USAGE OF TRADE.

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