



## Methacrylated Silk Fibroin (SFMA)

Cat. No. BINK-017

Lot. No. (See product label)

<b>Product Name</b>	Methacrylated Silk Fibroin (SFMA)
<b>Common Name</b>	Methacrylated Silk Fibroin (SFMA)
<b>Synonyms</b>	Methacrylated Silk Fibroin (SFMA)
<b>Product overview</b>	<ol style="list-style-type: none"><li>1. This product is a photosensitive biological material, which has the same good biocompatibility and cell adhesion as silk fibroin(raw material).</li><li>2. This product can be used in conjunction with photoinitiators to cross-link and cure under the action of blue light or ultraviolet light.</li><li>3. The higher the concentration of this product, the greater the elastic modulus after curing.</li><li>4. This product can be loaded with cells for 3D printing.</li><li>5. This product can be mixed with other photosensitive biological materials (such as HAMA, CSMA, etc.)</li></ol>
<b>Morphology &amp; Appearance</b>	White Powder
<b>Storage</b>	Dark, Dry, -20 to 4 °C
<b>Usage</b>	<ol style="list-style-type: none"><li>1. The recommended concentration of this product is 20%-30% (W/V). The dissolution temperature should below 40 centigrade, and the solution can be filtered and sterilized through a 0.22um filter.</li><li>2. When using this solution, avoid repeated freezing and thawing.</li><li>3. This product is used in combination with LAP, and can be cross-linked and cured under the visible light spectrum of 365-405 nm.</li></ol>

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