

**USFA SERIES  
BULLET RESISTANT FIBERGLASS ARMOR  
MATERIAL SAFETY DATA SHEET**

<b>Section 1 - MATERIAL IDENTIFICATION</b>	<ul style="list-style-type: none"> <li>Material: US Bullet Proofing fiberglass armor composites</li> <li>Composition: thermoset polyester polymer 20 to 30% fiberglass reinforcement 70 to 80%</li> </ul>
<b>Section 2 - PHYSICAL PROPERTIES</b>	<ul style="list-style-type: none"> <li>Appearance, odor: solid sheet, no odor</li> <li>Solubility in water: negligible</li> <li>Percent volatile: 0</li> <li>Specific gravity: 1.6</li> </ul>
<b>Section 3 - FIRE AND EXPLOSION HAZARD</b>	<ul style="list-style-type: none"> <li>Flashpoint: NA</li> <li>Auto-ignition temperature: over 700 degrees F.</li> <li>Extinguisher type: water spray, dry chemical, or carbon dioxide.</li> <li>Special fire-fighting procedures: Wear respirator (pressure-demand, self-contained breathing apparatus) and full protective gear.</li> </ul>
<b>Section 4 - HEALTH HAZARD</b>	<ul style="list-style-type: none"> <li>Dust generated during fabrication can be hazardous. Wear a protective mask to avoid inhaling the dust.</li> <li>Dust generated during fabrication can be irritating to the eyes. Wear eye protection. If irritation develops, flush eyes with water and get medical attention.</li> <li>Dust generated during fabrication can be irritating to the skin, Minimize skin contact with dust. Wash exposed skin with mild soap and cool water. Launder protective clothing separately.</li> </ul>
<b>Section 5 - REACTIVITY INFORMATION</b>	<ul style="list-style-type: none"> <li>Material is stable, and will not undergo hazardous polymerization.</li> <li>Avoid temperatures over 350 degrees F. Thermal decomposition may release harmful vapors or smoke.</li> <li>Avoid strong acids, bases, and oxidizing agents.</li> </ul>
<b>Section 6 - SPILL OR LEAK PROCEDURES</b>	<ul style="list-style-type: none"> <li>Solid sheet material; discard in accordance with current local, state, and federal regulations.</li> </ul>
<b>Section 7 - SPECIAL PROTECTION</b>	<ul style="list-style-type: none"> <li>Use exhaust ventilation during fabrication. Wear eye protection. Dust generated during fabrication can be hazardous. Wear a protective mask to avoid inhaling the dust.</li> <li>Wear heavy-duty work gloves to protect hands from sharp edges. This is particularly important when handling thinner gauges.</li> </ul>
<b>Section 8 - STORAGE AND HANDLING</b>	<ul style="list-style-type: none"> <li>Store at ambient temperatures. The material is combustible. Fire precautions similar to those appropriate for wood-based sheet products should be observed.</li> </ul>
<b>Section 9 - TOXICITY INFORMATION</b>	<ul style="list-style-type: none"> <li>This material is a reinforced solid plastic in sheet form, and is not hazardous under normal storage and handling conditions.</li> <li>Cutting and machining can produce hazardous dust. Refer to Section 4 for additional information.</li> </ul>