



“Protecting People and Property”

BULLET, BLAST, AND FORCED ENTRY RESISTANT SYSTEMS

USFA SERIES BULLET RESISTANT FIBERGLASS ARMOR

MATERIAL SAFETY DATA SHEET

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