



TECHNICAL DATA SHEET

EZFLOAT 6.0 SYSTEM

PRODUCT DESCRIPTION

EZFLOAT 6.0 polyurethane, fire retarded, rigid foam system is designed to meet a variety of requirements without sacrificing product quality. The EZFLOAT 6.0 system can be formulated in a wide range of densities from 1.8-6.0 pounds per cubic foot. The unique handling characteristics of the EZFLOAT 6.0 series system provides ease of mixing by hand or machine and produce a uniform product with excellent cell structure. This product does not contain any CFC blowing agents.

APPLICATIONS

EZFLOAT 6.0 series system has been formulated for use in the manufacturing of void filling applications, flotation and applications requiring fire retardant properties. EZFLOAT 6.0 is Coast Guard Approved for Marine Applications such as lifeboats, rescue boats, life floats and buoyant apparatus. This product meets MIL-P-21929C in accordance with 46 CFR 160.035-3(u)(7) and FR meets MIL-F-83671 ¶ 3.13

STORAGE AND HANDLING

Keep Side-A and Side-B containers tightly sealed to avoid moisture. Don't reseal if contamination is suspected. Use dry nitrogen for partial drums. Store Side-B at room temperature; keep Side-A between 77°F and 95°F. Avoid freezing—if solid, reheat in a well-ventilated oven below 140°F. Never exceed 400°F to prevent pressure buildup and rupture. Avoid inhaling vapors or contact with skin and eyes. Heated MDI vapors are hazardous. Use even, well-ventilated heating methods. Avoid using drum heaters or other heat sources that may cause excessive local heating.

HEALTH AND SAFETY

Appropriate literature is available from E-Z Flow which provides information concerning the health and safety precautions that must be observed when handling any of the products listed above. Before working with these products, it is your responsibility to read and become familiar with the available information on the hazards, proper use and handling. This is extremely important and cannot be overemphasized. Information is available in several forms, e.g. safety data sheets and product labels. To obtain this information, contact your E-Z Flow Foam Systems representative.

TYPICAL PROPERTIES SIDE-A (ISO)

Viscosity @ 77°F (25°C)	150-200 cps
Specific Gravity @ 77°F (25°C)	1.24
Appearance @ 77°F (25°C)	liquid

TYPICAL PROPERTIES SIDE-B (POLYOL BLEND)

Viscosity @ 77°F (25°C)	600-900 cps
Specific Gravity @ 77°F (25°C)	1.18
Appearance @ 77°F (25°C)	viscous liquid

TYPICAL PHYSICAL PROPERTIES

Cream Time	40-50 seconds
Rise Time	200-250 seconds
Demold Time	5-20 minutes
Density, pcf	6 lbs/ft3 (96.1 kgs/m3)
Compressive Strength, Parallel	80 psi (0.552 MPa)
Compressive Strength, Perpendicular	55 psi (0.379 MPa)
Shear Strength	70 psi (0.379 MPa)
Closed Cell Content	92%

PROCESSING CHARACTERISTICS

Ratio, by Volume A:B	50:50
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Different temperatures may be required for best results. Consult your E-Z Flow Representative for optimization. Temperatures above 140° F should be avoided on A-side.



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