TECHNICAL DATA SHEET

EZF 2.0 SL

PRODUCT DESCRIPTION

EZF 2.0 SL polyurethane, fire retardant, rigid foam system is designed to meet a variety of requirements without sacrificing product quality. It is specially formulated to extend foam reaction time. The EZF 2.0 SL systems can be formulated in a wide range of densities from 1.8-6.0 pounds per cubic foot. The unique handling characteristics of the EZF 2.0 SL series system provides ease of mixing by hand or machine and produces a uniform product with excellent cell structure. This product does not contain any CFC or HFC blowing agents.

APPLICATIONS

The EZF 2.0 SL series system has been formulated for use in the manufacturing of void filling applications, flotation and applications requiring fire retardant properties. EZF 2.0 SL (when used properly) will pass US Coast Guard Title 33, Part 183. EZF 2.0 SL 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

Containers for both A and B components should be kept tightly closed to prevent moisture contamination. Do not reseal if contamination is suspected. Use of a dry nitrogen blanket for partial drums is recommended. Side-B may be stored at ambient temperatures. Storage for Side-A should be maintained between 77°F (25°C) and 95°F (35°C). An additional note of caution is that exposure to temperatures over 200°F (93°C) can create excessive pressure potentially causing containers to rupture. Do not breathe aerosol or vapors and avoid contact with skin and eyes. Exposure to vapors of heated MDI can be dangerous. To heat product properly, use well ventilated convection ovens or other methods that distribute heat evenly. 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.

Limited Warranty and Disclaimer
SCAN HERE TO VIEW

TYPICAL PROPERTIES SIDE-A (ISO)	
Viscosity @ 77°F (25°C)	150-250 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)	400-500 cps
Specific Gravity @ 77°F (25°C)	1.18
Appearance @ 77°F (25°C)	viscous liquid

TYPICAL PHYSICAL PROPERTIES	
Cream Time	35-40 seconds
Rise Time	200-250 seconds
Demold Time	5-20 minutes
Flash Point, ASTM 3278-89	>200°F (93°C)
Compressive Strength, Parallel, ASTM D1621	40 psi (0.275 MPa)
Compressive Strength, Perpendicular, ASTM D1621	28 psi (0.193 MPa)
Shear Strength	37 psi (0.255 MPa)
Closed Cell Content, ASTM D6226	>95%
Water Absorption by Volume, ASTM D2842	0.49%
K-Factor Initial, ASTM C518	0.164 Btu-in/ft^2 °F h
UL 94 Flame Class (QAI test Report No TJ5347)	HBF

PROCESSING CHARACTERISTICS	
Ratio, by Volume A:B	1:1
LOW PRESSURE MACHINE	
A Temperature	110°F (43°C)
B Temperature	115°F (46°C)
HIGH PRESSURE MACHINE	
A Temperature	110°F (43°C)
B Temperature	115°F (46°C)

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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