



PRODUCT DESCRIPTION

PCF 2151 polyurethane foam systems are designed for molding and void filling applications. PCF 2151-20 can be designed to meet a variety of reactivity requirements without sacrificing product quality and can be formulated to a wide range of densities from 3 to 30 lbs/ft³. The unique handling characteristics of the PCF 2151 series systems provide ease of mixing by hand or machine to produce a uniform product with excellent cell structure. This product does not contain any CFC blowing agent or other Ozone Depleting chemical.

PCF 2151 is expected to pass E-84; tests are pending.

TYPICAL USES

The PCF 2151 series systems have been formulated for use as a high compressive strength rigid foam for the manufacturing of molded picture frames, furniture parts, structural floats and other design applications.

PACKAGING

10-gallon kit: 5 gallon (18.9 liters) pail of Side-A and 5-gallon (18.9 liters) pail of Side-B.

100-gallon kit: 50 gallon (189 liters) drum of Side-A and 50-gallon (189 liters) drum of Side-B.

500-gallon kit: 250 gallon (945 liters) tote of Side-A and 250 gallon (945 liters) tote of Side-B.

STORAGE AND HANDLING

Containers for Side A and Side B 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 400°F (204°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.

SAFETY

Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling any of the products

TYPICAL PROPERTIES SIDE-A (ISO)

Viscosity, cps @77°F (25°C)	150-250
Lbs/gal	10.33 (1240 kgs/m ³)
Specific Gravity @77°F (25°C)	1.23
Appearance @77°F (25°C)	Liquid

TYPICAL PROPERTIES SIDE-B (POLYOL BLEND)

Viscosity, cps @77°F (25°C)	900-1100
Lbs/gal	8.69 (1040 kgs/m ³)
Specific Gravity @77°F (25°C)	1.04

TYPICAL PHYSICAL PROPERTIES

Density, PFC - ASTM-1638	18-20
Compressive Strength - ASTM 1621	800 psi (5.2 MPa)
Tensile Strength - ASTM 1623	650 psi (4.5 MPa)
Shear Strength - ASTM C-273	400 psi (2.76 MPa)

PROCESSING CHARACTERISTICS @ 74°F (23°C)

Ratio, by Volume A:B	1:1
Cream Time	80-90 Seconds

listed above. Before working with these products, it is your responsibility to read and become familiar with the available information on its hazards, proper use and handling. This is extremely important and cannot be overemphasized. Information is available in several forms, e.g. material safety data sheets and product labels. To obtain this information, contact your Polycoat Products representative.



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