

## PRODUCT DESCRIPTION

PSF 3113-3 systems are all water-blown spray rigid foams designed for void filling applications. The product can be designed to meet a variety of reactivity requirements without sacrificing product quality. The unique handling characteristics of the PSF 3113-3 systems produce a uniform product with excellent cell structure. This product does not contain any CFC blowing agent or other Ozone depleting chemicals,

## TYPICAL USES

The PSF 3113 series have been used for structural floats, void filling and various other 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 both 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). For best results, this product should not be allowed to freeze, although it may be re-heated in a well ventilated oven for a period of time to re-liquefy solid particles. To avoid product degradation, product temperature during re-heating should not exceed 140°F (60°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 listed above. Before working with these products, it is your responsibility to read and become familiar with the available

### TYPICAL PROPERTIES SIDE-A (ISO)

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

### TYPICAL PROPERTIES SIDE-B (POLYOL BLEND)

Viscosity, cps @ 77°F (25°C)	700-1000
Specific Gravity @ 77°F (25°C)	1.18
Appearance @ 77°F (25°C)	Viscous Liquid

### PHYSICAL PROPERTIES @ 74°F (25°C)

Density, PFC - ASTM-1638	3 lbs/ft <sup>3</sup> (359 kgs/m <sup>3</sup> )
Compressive Strength - Parallel	55 psi (0.4 MPa)
Compressive Strength - Perpendicular	37 psi (0.3 MPa)
Tensile Strength - ASTM 1623	85 psi (0.6 MPa)
Shear Strength - ASTM C-273	50 psi (0.3 MPa)
Closed Cell Content	85%

### PROCESSING CHARACTERISTICS @ 74°F (25°C)

Ratio, by Volume A:B	1:1
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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 representatives.



**Limited Warranty:** Please read all information in the General Guidelines, Technical Data Sheets, Guide Specifications and Safety Data Sheets (SDS) before applying material. These products are for professional use only and preferably applied by professionals who have prior experience with the Polycoat Products materials or have undergone training in application of Polycoat Products materials. Published technical data and instructions are subject to change without notice. Contact your local Polycoat Products representative or visit our website for current technical data, instructions, and project specific recommendations.

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