



**POLYCOAT  
PRODUCTS**  
A Division of American Polymers Corp.

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www.Polycoat.com

## TECHNICAL DATA SHEET

# PSF 3113-3-R-NATURAL

### Typical Properties PSF 3113-3 A-COMP (ISO)

Viscosity, mPa·s @ 25°C: 150-200  
Specific Gravity @ 25°C : 1.24  
Appearance @ 25°C: liquid

### Typical Properties PSF 3113-3 B-COMP(polyol blend)

Viscosity, mPa·s @ 25°C: 700-1000  
Specific Gravity @ 25°C : 1.18  
Appearance @ 25°C: viscous liquid

### 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.

### Applications:

The PSF 3113 series have been used for structural floats, void filling and various other applications.

### 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. Component B may be stored at ambient temperatures. Storage for Component 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.

### Health and Safety Information:

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 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.

Typical Physical Properties @ 74 °		
Cream Time	Seconds	5-7
Rise Time	Seconds	15-20
Demold Time	minutes	5-15
Density	Lb/cubic foot	3
Compressive Strength, parallel	Psi	55
Compressive Strength, perpendicular	Psi	37
Shear Strength	psi	50
Closed cell content	%	85
Tensile Strength	Psi	85

Processing Characteristics		
Mix ratio by volume A/B		50/50



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