

GREATER LOS ANGELES-14722 Spring Avenue - Santa Fe Springs, CA 90670 DALLAS / FT.WORTH METROPLEX-2100 Reliance Parkway - Bedford, TX 76021

Tel: (562) 802-8834 Fax: (562) 921-7363 www.Polycoat.com

TECHNICAL DATA SHEET

PSF 2112-2-F-NATURAL

Typical Properties PSF 2112-2 A-COMP (ISO)

Viscosity, mPa·s @ 25°C: 150-200

Specific Gravity @ 25°C: 1.24

Appearance @ 25°C: liquid

Typical Properties PSF 2112-2 B-COMP(polyol blend)

Viscosity, mPa·s @ 25°C: 400-800 Specific Gravity @ 25°C : 1.18

Appearance @ 25°C: viscous liquid

Product Description:

PSF 2112-2 is a spray rigid foam system designed for ditch break foam applications. The product can be designed to meet a variety of reactivity requirements without sacrificing product quality. The PSF 2112-2 Spray systems can be formulated in a wide range of densities from 1.8 to 6.0 pounds per cubic foot. This product contains HFC blowing agents.

Applications:

The PSF 2112 Spray series systems have been formulated for use in the manufacturing of void filling applications, flotation and applications requiring fire retardant properties.

Typical Physical Properties @ 74 ° f		
Cream Time	Seconds	3-5
Rise Time	Seconds	18-26
Demold Time	minutes	5-10
	Lb/cubic	
Density	foot	2.0 – 2.2
Compressive Strength, parallel	Psi	25 - 30
Compressive Strength,		
perpendicular	Psi	N.A
Shear Strength	psi	N.A
Closed cell content	%	90
Tensile Strength	Psi	N.A

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

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.



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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 yours Polycoat Products representative.

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