



POLYCOAT PRODUCTS

A Division of American Polymers Corp.

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PRODUCT DATA SHEET

PSF 511-SPRAY FLEXIBLE FOAM

Typical Properties

A-COMP (ISO)

Viscosity, mPa·s @ 25°C: 100-250
Specific Gravity @ 25°C : 1.21
Appearance @ 25°C: Liquid

Typical Properties

B-COMP(polyol)

Viscosity, mPa·s @ 25°C: 350-450
Specific Gravity @ 25°C : 1.02
Appearance @ 25°C: Liquid

Typical Physical Properties @ 74 ° f

Color		cloudy
Tack Free Time	Seconds	15-20
Full Cure Time	Minutes	10-15
Density	Lb/cubic foot	10 to 20

Processing Characteristics

Mix ratio by volume A/B		1:1
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Product Description:

Spray Flexible Foam* is a two component, one hundred percent solids, it is spray able, polyurethane micro cellular foam. It has excellent adhesion and cushioning protection properties. This Spray Flexible Foam* is available in 10 PCF and 20 PCF densities.

USES: This product is recommended as a protective micro cellular foam over wood, concrete, metal and plastic surfaces.

This product is not color stable. This product may be applied without a top coat on interior surfaces, underground applications, or where limited UV exposure is expected and color is not of importance. When required, this product may be top coated within 24 hours of its application with a coating resistant to UV exposure.

WARNING: This product should not be used for applications requiring stringent flame retardant properties.

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.