

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

PCF 437-24-45S-NATURAL

Typical Properties PCF 437-24 A-COMP (ISO)

Viscosity, mPa·s @ 25°C: 900-1100

Specific Gravity @ 25°C: 1.15

Appearance @ 25°C: liquid

Typical Properties PCF 437-24 B COMP (polyol blend)

Viscosity, mPa·s @ 80°C: 1100-1400 Specific Gravity @ 25°C : 1.03

Appearance @ 25°C: viscous liquid

Product Description: The PCF 437 Series is a two-component polyurethane micro-cellular water-blown flexible foam system designed for high-resilience application. The product can be pigmented to match most colors requested. The PCF 437 series systems can be formulated in a wide range of densities from 12-30 pounds per cubic foot. The unique handling characteristics of the PCF 437 Series systems provide ease of mixing by hand or machine and produce a uniform product with excellent cell structure. This product does not contain any TDI.

APPLICATIONS: The PCF 437 series systems have been formulated for use in the manufacturing of arm rests, protective pads, head rests and other miscellaneous aircraft or automotive parts.

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

Typical Physical Properties @ 74 ° f				
Cream Time	Seconds		40-50	
Rise Time	Seconds			120-180
Demold Time	Minutes			5-10
	Lb/cubic			
Density	foot			23-25
Processing Characteristics				
Mix ratio by weight A/B				36/64
ould not be allowed to freeze, although it may be re-heated				

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 yours Polycoat Products representative.

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