Superskinsystems, Inc. 322 Industrial Park Dr. Lawrenceville, GA 30046 Phone: 404-216-4711 404-229-8343

CHEMTREC: 800-424-9300



Technical Data Sheet

WB Aliphatic Prepolymers (WB APU Series)

WB APUs are a new family of water-based aliphatic prepolymers using 2K WB polyurea technology. The proprietary isocyanate prepolymers are designed to be reacted with our water-based polyols to produce high strength UV resistant coatings while enhancing other properties such as abrasion resistance, adhesion, tensile strength and extended gel, tack free times and wet-out times. These solvent-free polyisocyanate prepolymers are offered in specific NCO content grades to deliver the desired properties of your end products and formulation requirements. Please contact our engineering group for customization solutions for your specific requirements.

Physical Properties

WB APUS RANGE OF PHYSICAL PROPERTIES

%NCO	ASTM D2572	12-23% +/-0.5%
Optical Clearity	Visual	Clear- Hazen
Viscosity	ASTM D445	250-1500 cps
Specific Gravity	ASTM D792	1.10-1.16

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