ADW Water-based adhesion enhancer

Overview

ADW is a non-ionic surfactant primarily suitable for water-based coatings and inks. It enhances adhesion to inorganic substrates such as metal, glass, ceramics, and cement, improves chemical resistance, water resistance, and salt spray resistance, and improves the dispersion and anti-tarnishing properties of metallic pigments.

NEW-TECHEM Good Materials + Good Application = Good Products

Physicochemical Properties	Appearance	Transparent, slightly yellow liquid	Composition	Non-ionic surfactant
	Solid Content	70.0 ±3.0 %	Solvent	DPM
	Density	1.14 g/ml	-	
Characteristics & Advantages	ADW increases the crosslinking density of water-based resins to improve the physicochemical properties of water-based coatings and inks.			
	• Enhances adhesion of water-based coatings/inks to inorganic substrates.			
	• Improves water resistance and water boil resistance.			
	• Increases salt spray resistance, chemical corrosion resistance, and solvent resistance.			
	• Enhances the dispersion of metallic pigments and prevents tarnishing.			
	• Reduces the required amount of crosslinkers such as amino resins when added.			
	• Excellent storage stability.			
Dosage	Post-addition: 0.5-3% of the total formulation.			
Application	Water-based coatings, zinc-rich primers, water-based inks.			
Precautions & Storage	Store at 0-40 $^{\circ}$ C in a cool, ventilated place. Keep containers tightly sealed and away from heat and ignition sources.			
Safety	Refer to MSDS			
Packaging	25 KG/Barrel			

For further detailed information, please contact our company directly.

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