Overview

D-430 is a polyurethane-based viscosity reducer primarily designed for high pigment loading, high solids content, and solvent-free coatings, pigment dispersions, and printing inks. It significantly reduces grinding viscosity and enhances pigment color development, gloss, and coverage.

NEW-TECHEM Good Materials + Good Application = Good Products

Physicochemical Properties	Appearance	Yellow-brown liquid	Composition	Polyurethane copolymer
	Solid Content	≥98.0 %	Solvent	None
	Density	0.88 g/ml	_	
Characteristics and Advantages	 Rapid viscosity reduction improves pigment wetting, particularly suitable for high pigment loading systems. Solvent-free, recommended for environmentally friendly high solids and solvent-free systems. Significantly reduces grinding viscosity, allowing for higher pigment loading. Excellent viscosity reduction in UV systems, suitable for low sheen applications, reducing matte powder viscosity. Especially effective for dispersing titanium dioxide, enhancing color development, gloss, and coverage. 			
Dosage	Before grinding, add: For inorganic pigment fillers: 1.0 ~ 5.0% (adjust according to formulation)			
Application	1. Mainly suitable for environmentally friendly high pigment loading, high solids, and solvent-free coatings, pigment dispersions, and printing inks.			
	2. Used to prepare high concentration titanium dioxide and inorganic pigment slurries.			
Precautions &Storage	Product storage should be in a cool, well-ventilated area with containers tightly sealed and kept away from heat and sources of ignition. Store between 0-40 $^{\circ}$ C. Below 5 $^{\circ}$ C, the appearance may become turbid or separate. Heat to clarify and stir thoroughly before use.			
Safety	Refer to MSDS			
Packaging	25 KG/barrel			

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For further detailed information, please contact our company directly. The information provided is compiled based on our current knowledge and is intended for reference only. No guarantees are made. We reserve the right to modify product

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m parameters within the scope of process advancements or product development. Due to the wide range of processing conditions and raw material combinations beyond our control, users are advised to conduct suitability tests before production.