

Overview

NTA-5100 is a high molecular weight silicone agent with silanol functional groups, primarily used for enhancing abrasion resistance and providing a desirable tactile feel. It is suitable for water-based systems and medium to high polarity solvent systems containing polar solvents. It offers benefits such as wetting, leveling, anti-stick properties, scratch resistance, abrasion resistance, and a thick, slippery waxy feel.

Physicochemical Properties	Appearance	Translucent paste	Composition	High molecular weight silicone with silanol functional groups
	Solid Content	约 80.0 %	Solvent	Water
	Density	0.98 g/ml		
Properties and Advantages	 Excellent scratch and abrasion resistance Reduces friction coefficient, preventing stickiness Improves wetting and leveling properties Enhances water repellency Provides a thick, slippery waxy feel 0.05-3.0% of the total amount 			
Dosage				
Application	Coatings, inks, resin synthesis, leather treatment agents			
Precaution & Storage	Store unopened at 0-35 $^{\circ}$ C in a cool, well-ventilated area. Keep the container tightly closed and away from open flames and sparks.			
	During production, hydrogen gas may be generated under certain formulation conditions, so store in breathable containers. Ensure adequate ventilation in the workplace.			
Safety	Refer to MSDS			
Packaging	18 KG/Barrel			

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