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VANDERBILT Technical Data

Paint Department

DARVAN® 7-N and DARVAN 7-NS

Dispersing Agents

DARVAN 7-N and **DARVAN 7-NS** are sodium polymethacrylate dispersing agents.

DARVAN 7-N or **DARVAN 7-NS** are effective dispersants for mineral pigments in water-based paints and coatings.

TYPICAL PROPERTIES

	DARVAN 7-N	DARVAN 7-NS
Physical State	Clear liquid	White powder
Molecular Weight	10,000 to 16,000	10,000 to 16,000
Total Active Solids	25.0 ± 2.0%	93.5% minimum
Density at 25°C	1.16 ± 0.02 g/ml	0.5 g/ml
Weight per gallon	9.5 to 9.8 lbs	4.2 lbs/gal
pH	9.0 to 11.5	8.5 to 10.5 (1% solution)
Viscosity at 25°C	75 cps maximum	
Solubility	Very soluble in water.	Very soluble in water.
Stability	Stable in the presence of acids and alkalies over a wide pH range.	Stable in the presence of acids and alkalies over a wide pH range.
Storage	Freezes at -5°C. Protect from freezing. Partial freezing does not affect the product's dispersing properties.	- - -
Recommended Dosage	10-15 lbs/100 gallons of paint	2-5 lbs/100 gallons of paint

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