

# Product Data Sheet

## NACURE® 155 Strong Acid Catalyst



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NACURE 155 is a hydrophobic sulfonic acid catalyst based on dinonylnaphthalene disulfonic acid supplied as a 55% concentrate in isobutanol. Its primary use is as a catalyst for promoting the cure of hydroxy, carboxy and amide functional polymers with melamine and urea-formaldehyde crosslinking agents.

**ADVANTAGES:** Excellent water, salt spray, detergent resistance  
Superior adhesion to a variety of substrates  
Low conductivity for electrostatic spray  
Soluble in aromatic hydrocarbons

<b>TYPICAL PROPERTIES:</b>	Appearance	Clear, amber liquid
	% Active	55
	Acid value	115
	Volatile	Isobutanol
	Weight per gallon @ 25°C (lbs)	8.3

**SOLUBILITY:** Soluble in alcohols, glycol ethers, glycols, esters, ketones and aromatic hydrocarbons. Insoluble in water and aliphatic hydrocarbons.

**APPLICATIONS:** Waterborne can coatings  
Coil coatings  
Automotive primers  
Appliance finishes  
Printing inks  
Electrostatic spray applications  
Electro coatings  
General industrial

**TYPICAL USAGE LEVELS:** 0.5 to 2.0% as supplied on total resin solids.

**INCORPORATION:** May be added to the coating with agitation as supplied or pre-diluted with alcohol.

**SHELF LIFE:** 24 months from the date of manufacture, when stored at ambient conditions in the original container.

**HANDLING & STORAGE:** NACURE 155 is classified as a flammable liquid. Safe handling of this product should include the use of safety glasses and gloves. Avoid breathing vapors - use with adequate ventilation. Product should be stored in lined or glass containers away from sunlight and excessive heat. Product color will increase with age, particularly if stored at elevated temperatures. Refer to SDS for detailed information.

**REGULATORY:** Please refer to Section 15 of the Safety Data Sheet for information.

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