

NACURE[®] 155

Strong Acid Catalyst



Science Road
Norwalk, CT 06852
(800) 431-7900
Fax: (203) 866-1268
E-Mail: coatings@kingindustries.com

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

TYPICAL PROPERTIES:	Appearance	Clear, amber liquid
	Gardner Color	10
	% Active	55
	Acid value	115
	Weight per gallon, 25°C	8.3 lbs.
	Volatile	Isobutanol

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
- Electrocoatings
- 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. Refer to MSDS for detailed information.

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

File: NACURE 155

Issue Date: 02/20/02

Supersedes: 12/17/96