

Product Data Sheet

NACURE[®] 155 Strong Acid Catalyst



Science Road
Norwalk, CT 06852
United States
+1-203-866-5551
www.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

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|----------------------------|--------------------------------|---------------------|
| TYPICAL PROPERTIES: | Appearance | Clear, amber liquid |
| | % Active | 55 |
| | Acid value | 115 |
| | Gardner color | 10 |
| | 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
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 SDS for detailed information.

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

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