

Product Data Sheet

NACURE[®] 1051 Strong Acid Catalyst



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NACURE 1051 is an extremely hydrophobic acid catalyst based on dinonylnaphthalene sulfonic acid supplied at 50% active in 2-Butoxyethanol. It is an oil soluble sulfonic acid that gives excellent humidity resistance in high bake amino and phenolic systems.

ADVANTAGES:

- Maximum water resistance
- Excellent resistance to overbake
- Less interaction with pigments
- Low conductivity
- Good flow and leveling

TYPICAL PROPERTIES:	Appearance	Clear, dark liquid
	% Active	50
	Acid value	62
	Weight per gallon, 25°C	8.13 lbs.
	Volatile	2-Butoxyethanol

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

APPLICATIONS:

- Can coatings
- Coil coatings
- Appliance finishes
- Printing inks
- Electrostatic spray applications
- Electrocoating

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 1051 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 1051

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