

Product Data Sheet

NACURE[®] 4054 Weak Acid Catalyst



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NACURE 4054 is a hydrophobic alkyl acid phosphate catalyst supplied at 50% active in isobutanol. It is a weak acid catalyst recommended for use with high -NH/polymeric melamines and phenolic crosslinkers.

ADVANTAGES: Excellent solubility
Good package stability
Good adhesion and salt spray resistance
Excellent water resistance compared to other phosphate catalysts

TYPICAL PROPERTIES:	Appearance	Clear, straw liquid
	% Active	50
	Acid value	160
	Gardner color	1
	Volatile	Isobutanol
	Weight per gallon @ 25°C (lbs)	7.5

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

APPLICATIONS: Particularly effective with polymeric melamines for;
Appliance finishes
Automotive topcoats and primers
General industrials
Wood coatings

TYPICAL USAGE LEVELS: 0.5 - 3.0% 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 4054 is classified as a flammable and corrosive 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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