

# Product Data Sheet

## NACURE<sup>®</sup> 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

<b>TYPICAL PROPERTIES:</b>	Appearance	Clear, straw liquid
	% Active	50
	Acid value	160
	Weight per gallon, 25°C	7.5 lbs.
	Volatile	Isobutanol
	Gardner color	1

**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 MSDS for detailed information.

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

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