

# Product Data Sheet

## K-CURE<sup>®</sup> 1040W Strong Acid Catalyst



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K-CURE 1040W is a very high quality para-Toluenesulfonic acid (p-TSA) catalyst that is dissolved in water.

**ADVANTAGES:**

- Fast cure
- Non-flammable
- Excellent weathering and exterior durability
- High gloss
- Easily incorporated into water systems

<b>TYPICAL PROPERTIES:</b>	Appearance	Clear, straw liquid
	% Active	40
	Acid Value	135
	Weight per gallon, 25°C	9.4
	Volatile	Water
	Gardner Color	1

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

**APPLICATIONS:**

- Waterborne paper coatings
- Waterborne wood coatings
- Waterborne printing inks

**TYPICAL USAGE LEVELS:** 0.25 - 1.0 % as supplied on total resin solids.

**INCORPORATION:** May be added to the coating with agitation as supplied or pre-diluted with water.

**SHELF LIFE:** 24 months from the date of manufacture, when stored at ambient conditions in the original container.

**HANDLING & STORAGE:** K-CURE 1040 is classified as a 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. Avoid contact with ferrous metal or mild steel. Refer to MSDS for detailed information.

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

File: K-1040W

Issue Date: 4/29/02

Supersedes: 12/17/96

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