



**PRODUCT
DATA
SHEET**

**PRELIMINARY DATASHEET
NACURE[®] Super A218
CATALYST**

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INTRODUCTION: NACURE Super A218 is a Lewis acid catalyst that is stable in the presence of water. This compound is a salt of a strong acid and can catalyze the reaction of epoxy resins, ring opening of cyclic ether groups and polymerization of monomers sensitive to cationic polymerization. This catalyst will catalyze most acid curing resins.

ADVANTAGES: Catalyst for ether formation and also hydrolysis of acetal groups
Less inhibited by amines
Improved water and salt spray resistance
Effective catalyst for glycidyl ether, glycidyl ester and cycloaliphatic epoxides
Catalyzes amino resins

TYPICAL

PROPERTIES:

Appearance	Clear liquid
Solvent	n-butanol
Water content, %	<1
Active content, %	25
pH (dilution with water)	4.0-6.0
Specific gravity, 25°C, g/ml	1.01

SOLUBILITY:

Soluble in all water soluble solvents	
Alcohols and glycol ethers	Soluble
Aromatic hydrocarbons	Not Soluble
Aliphatic hydrocarbons	Not Soluble
Water	Soluble

APPLICATION:

Catalyst for various ring opening polymerization reactions
Electronic encapsulations
Castings
Coating applications

USAGE LEVEL:

0.1-2.0% catalyst solids on total resin solids

HANDLING:

This catalyst is hygroscopic and will absorb water readily. Keep container closed and store in a dry place. Consult the MSDS for safe handling.

REGULATORY:

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