

**Product
Data
Sheet**

**NACURE® X49-110
Blocked Catalyst**



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NACURE X49-110 is an amine neutralized Dinonylnaphthalenesulfonic acid (DNND SA) catalyst that provides an excellent combination of package stability and cure response.

ADVANTAGES: Excellent adhesion
Good humidity and salt spray resistance

TYPICAL PROPERTIES:

Appearance	Clear, amber liquid
% Active	25
pH (1:1 with DI water)	7.3
Weight per gallon, 25°C	7.7
Volatile	Isopropanol/isobutanol

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

APPLICATIONS: Automotive primers
Waterborne coil and can coatings
General industrials
Electrostatic spray coatings
Electrocoat

TYPICAL USAGE LEVELS: 0.5 to 2.0% as supplied on total resin solids.

INCORPORATION: May be added to the coating as supplied or pre-diluted with alcohol. In coatings where there is a high percentage of non-polar solvents, NACURE X49-110 may be added to the dispersion stage.

SHELF LIFE: 18 months from the date of manufacture, when stored at ambient conditions in the original container.

HANDLING & STORAGE: NACURE X49-110 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. Refer to MSDS for detailed information.

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

File: NACURE X49-110

Issue Date: 12/15/00

Supersedes: 1/15/97

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