










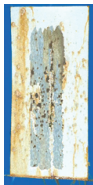

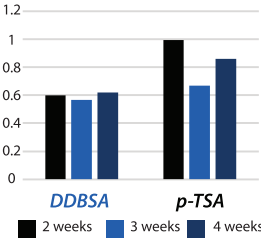

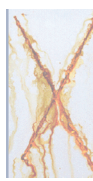



# NACURE® Catalysts

## Acid Catalysts for Amino-Crosslinked Systems

p-TSA is a commonly used catalyst for melamine reactions and is an excellent way to accelerate cure. Other types of catalysts can offer the formulator greatly enhanced cure and film properties (demonstrated below).

*We can help you choose the best catalyst for your application.*

|              | <i>p-TSA</i>   | <i>DNNSA</i>   | <i>DDBSA</i>   | <i>DNNSA</i>   | <i>Phosphates</i>  |
|--------------|--|--|--|--|--|
| Products     | NACURE® 2500<br>K-CURE® 1040W  | NACURE® 3525<br>NACURE® 115  | NACURE® 5225<br>NACURE® 5076   | NACURE® 1419M<br>NACURE® 1051  | NACURE® 4167<br>NACURE® 4054   |
| Applications | Wood <br>Topcoat  | Can Exterior <br>Auto Primer                    | Can Interior <br>Auto Topcoat       | Coil Primer <br>Electrostatic Spray                                   | General Industrial <br>Clearcoat  |
| Advantages   | <ul style="list-style-type: none"> <li>General purpose</li> <li>Low temperature cure with 1K formulations</li> <li>SB/WB coatings</li> </ul>   | <ul style="list-style-type: none"> <li>Best intercoat adhesion</li> <li>Direct to metal</li> <li>Moisture and corrosion resistance</li> <li>SB/WB coatings</li> </ul>  | <ul style="list-style-type: none"> <li>Exterior durability</li> <li>NACURE® 5076 is compliant with FDA CFR 175.300</li> <li>Best solubility for high solids enamels</li> <li>SB/WB coatings</li> </ul> | <ul style="list-style-type: none"> <li>Corrosion resistance</li> <li>Low conductivity for electrostatic</li> <li>Reduced blistering in thick films</li> <li>Improved substrate wetting</li> </ul>  | <ul style="list-style-type: none"> <li>Low color</li> <li>Low temperature cure with high imino/partially alkylated naphthalenes</li> </ul>   |
| Performance  | <b>Metal Mark Resistance</b><br><br>Blocked p-TSA   | <b>Wet Adhesion</b><br><br>Control <br>DNNSA | <b>Δb* over 4 Weeks of QUV</b><br>  | <b>Corrosion Resistance</b><br><br>Blocked p-TSA <br>Blocked DNNSA | <b>Low Color</b><br>  |

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