

# IMPROVE PERFORMANCE & SUSTAINABILITY IN ALKYD COATINGS

## MEKO-FREE ANTI-SKINS




BORCHI® NOX, BORCHI® SHIELD & ASCININ®



### MEKO IS BECOMING MORE REGULATED

- Code of Practice published in Canada to lower MEKO levels
- New GHS labeling regulation for  $\geq 0.1\%$  MEKO effective March 1, 2022 in the EU

### IMPROVES OVERALL PERFORMANCE

-  Excellent skin prevention
-  Improved storage stability
-  Minimal effect on dry times

### MEKO-FREE ANTI-SKIN OFFERING\*

Product	Chemistry	Application	Description
Ascinin® Anti-Skin 0444	Amino compound	<ul style="list-style-type: none"> <li>• Solvent borne high solids formulations</li> <li>• Printing inks</li> <li>• Clear coats</li> <li>• Pigmented coatings</li> </ul>	<ul style="list-style-type: none"> <li>• Phenol-Free</li> <li>• Controls surface dry retardation and keeps the film open longer to ensure deeper penetration of oxygen to lower film layers</li> </ul>
Ascinin® Anti-Skin 0445	Amino compound	<ul style="list-style-type: none"> <li>• Waterborne and solvent borne clear coats</li> <li>• Pigmented coatings</li> </ul>	<ul style="list-style-type: none"> <li>• Phenol-Free</li> <li>• Controls surface dry retardation and keeps the film open longer to ensure deeper penetration of oxygen to lower film layers</li> </ul>
Ascinin® Anti-Skin 1240	Amino compound	<ul style="list-style-type: none"> <li>• Solvent borne clear coats</li> <li>• Pigmented coatings</li> </ul>	<ul style="list-style-type: none"> <li>• Phenol-Free</li> <li>• Specially designed for oxidatively drying coatings systems and pastes with reduced VOC content</li> </ul>
Borchi® Nox 1640	Cyclohexanone oxime	<ul style="list-style-type: none"> <li>• Solvent borne paint formulations</li> </ul>	<ul style="list-style-type: none"> <li>• Does not cause discoloration or adversely affect the drying time of the paint system</li> </ul>
Borchi® Shield	Amino / oxime compound	<ul style="list-style-type: none"> <li>• Solvent borne high solids formulations</li> </ul>	<ul style="list-style-type: none"> <li>• Works to provide slower surface drying</li> </ul>

\*recommended loading of anti-skins: 0.15-1.0% on total weight



[www.borchers.com/mekofree](http://www.borchers.com/mekofree)

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# FURTHER ENHANCE SUSTAINABILITY OF MEKO-FREE FORMULATIONS WITH COBALT-FREE HIGH-PERFORMANCE CATALYSTS

BORCHI® OXY-COAT

## Avoids impact from anticipated cobalt regulatory directives

U.S. EPA prioritizing Cobalt and Cobalt Compounds for risk assessment and possible regulatory reclassification

## May reduce the need for secondary driers

### IMPROVES OVERALL PERFORMANCE

IN ARCHITECTURAL, WOOD, AND INDUSTRIAL ALKYDS



Faster dry times



Can be used in standard and adverse conditions



Brighter whites



Non-wrinkling with high solids systems (thick films)



Control

Borchi® OXY-Coat

Dark aged color (2 months)



Control

Borchi® OXY-Coat

Wrinkling prevention on substrates

### HIGH-PERFORMANCE CATALYST OFFERING

Product(s)	MEKO-Free Anti-Skin(s) to Use	Application
Borchi® OXY-Coat / Borchi® OXY-Coat 1310	Ascinin® Anti-Skin 0444 / 0445 / 1240, Borchi® Nox 1640, Borchi® Shield	Solvent borne short, medium, and long oil
Borchi® OXY-Coat 1101	Ascinin® Anti-Skin 0445	Waterborne short, medium, and long oil



PLEASE NOTE: As each customer's use of our product may be different, information we provide, including without limitation, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. Each customer must test and be responsible for its own specific use, further processing, labeling, marketing, etc. All sales are exclusively subject to our standard terms of sale posted at [www.milliken.com/terms](http://www.milliken.com/terms) (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.

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