

# IMPROVE PERFORMANCE & LABELLING IN ALKYD COATINGS

## MEKO-FREE ANTI-SKINS




ASCININ<sup>®</sup>, BORCHI<sup>®</sup> NOX & BORCHI<sup>®</sup> SHIELD

### MEKO IS BECOMING MORE REGULATED IN THE EU

■ Classified as Category 1B Carcinogen

■ Labelling required in formulations with  $\geq 0.1\%$  MEKO

### IMPROVES OVERALL PERFORMANCE

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



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

Product	Chemistry	Application	Description
Ascinin <sup>®</sup> Anti-Skin 0444	Amino compound	<ul style="list-style-type: none"> <li>• Solventborne 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 <sup>®</sup> Anti-Skin 0445	Amino compound	<ul style="list-style-type: none"> <li>• Waterborne and solventborne 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 <sup>®</sup> Anti-Skin 1240	Amino compound	<ul style="list-style-type: none"> <li>• Solventborne 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 <sup>®</sup> Nox 1640	Cyclohexanone oxime	<ul style="list-style-type: none"> <li>• Solventborne 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 <sup>®</sup> Shield	Amino / oxime compound	<ul style="list-style-type: none"> <li>• Solventborne 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

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

BORCHI® OXY-COAT & BORCHI® DRAGON

## AVOIDS IMPACT FROM ANTICIPATED EU COBALT REGULATORY DIRECTIVES

- Cobalt metal received a harmonised classification including Carcinogen 1B through ATP 14th
- The European Commission is also proposing Occupational Exposure Limits (OEL)

## IMPROVES OVERALL PERFORMANCE

- Faster dry times
- Brighter whites
- Non-wrinkling in thick film builds
- For standard and adverse conditions



**Wrinkling Prevention**  
In a high-solids system

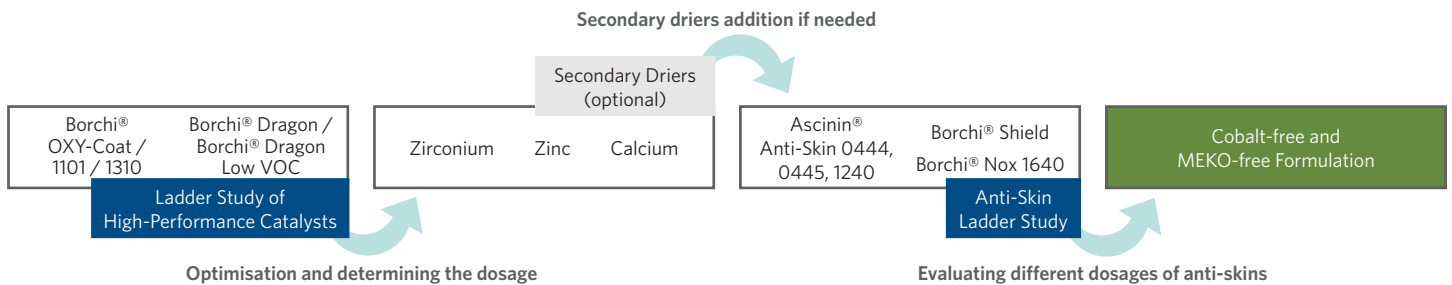


**Brighter Whites**  
Dark aged color (2 months)

## 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	Solventborne short, medium, and long oil
Borchi® OXY-Coat 1101	Ascinin® Anti-Skin 0445	Waterborne short, medium, and long oil
Borchi® Dragon / Borchi® Dragon Low VOC	Ascinin® Anti-Skin 0444 / 0445 / 1240, Borchi® Nox 1640, Borchi® Shield	Solventborne high-solids, long oil

## FORMULATING WITH MEKO-FREE AND COBALT-FREE SOLUTIONS



For more information, please reach us at [borchers.com/contact](http://borchers.com/contact)

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. Borchi is a trademark of Borchers Americas.

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