

Fresh and fluid

Safer paint



umicore

Cobalt & Specialty Materials



Valirex[®] Noval Next the new MEKO replacement

Valirex Noval Next

Keep your paints fresh and avoid unwanted drying or skinning in the can using a MEKO free alternative. While many anti-skinning agents are available, Valirex® Noval Next is the only one that keeps paint lasting the longest with minimal impact on health and the environment.

Description	<ul style="list-style-type: none"> . MEKO (Methyl Ethyl Ketoxime) replacement . REACH driven (MEKO would be labeled as Carcinogen Cat 1B through all routes of exposure) . Noval Next is a less toxic highly performing alternative . Imine chemistry . 1 on 1 replacement to MEKO . REACH registered
Appearance	Transparant colorless viscous liquid
Applications	Anti-skinning agent in paints, varnishes and lacquers
Packaging	170 kg drums, 850 kg ibc's, bulk
Safety Datasheet	Available on request

Product	Purity (%)	Water Content (%)
Valirex Noval Next	99 min	0,1 max

ANTI SKINNING TEST WITH VALIRES RE 070.06

Valires RE 070.06 (long oil solvent alkyd at 70% solids)

Dosage g	70
Solvent D40 g	30
Coating solids %	49
5% ECOS Sil 413 Neo D60 on resin solids g	2,45

Anti - skin

Dosage

(% on total formulation)

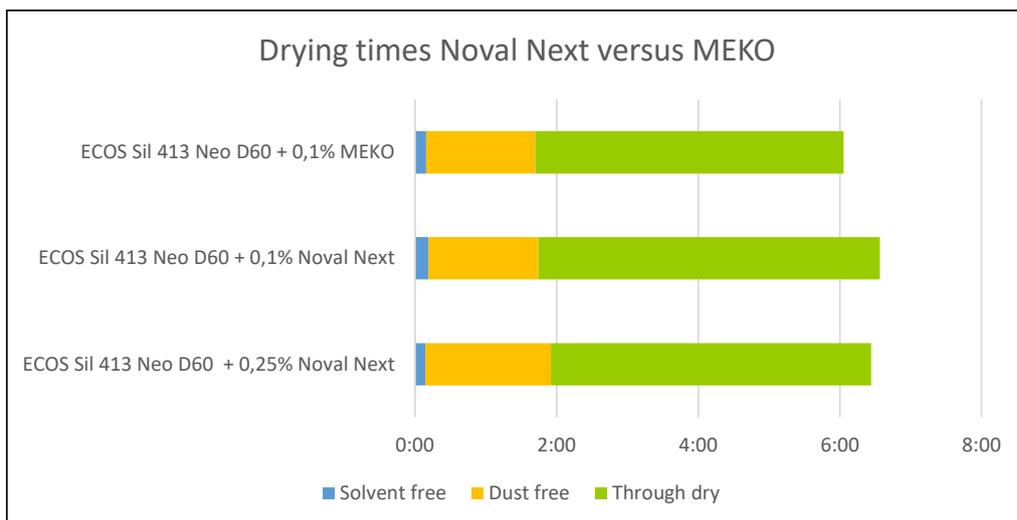
Visual check

Blank	0	Serious skin formation after 1 day
MEKO	0,03	Little skin formation after 3 days
MEKO	0,1	No skin formation after 3 days
Noval Next	0,03	Little skin formation after 3 days
Noval Next	0,06	No skin formation after 3 days
Noval Next	0,1	No skin formation after 3 days
Noval Next	0,15	No skin formation after 3 days
Noval Next	0,2	No skin formation after 3 days
Noval Next	0,25	No skin formation after 3 days

Open air anti-skinning test

Drying time with the Valires RE 070.06

- . Coating applied at 75 µ wet film thickness, 20°C and 60 to 70° RH.
- . Application after 48h maturation.



Conclusion

The drying performance between MEKO and Noval Next is nearly identical.
Overdosing Noval Next is no issue.
Less toxic.



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