



Touch Chem (M) Sdn Bhd

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Touch OTAL 2003

Aluminium orientation agent for metallic finishing coating

Properties

Active Ingredient	:	6.8 – 7.2%
Stabilized resin solid	:	5.0 – 5.4%
Solvents	:	Xylene/Ethyl Acetate
Flash Point	:	24°C
Appearance	:	White and slight Thixotropic behavior liquid
Density	:	0.86 – 0.88 g/cm ³

Description

Touch OTAL 2003 is a high thixotropic behavior of Ethylene Vinyl Acetate Co-Polymer wax stabilized with special resin in the mixture solvents of Xylene and Ethyl Acetate of fine particles.

It gives good aluminium and pearlescent pigments orientation control in order to give better workability and better finishing of metallic coating. Touch OTAL 2003 can be easily incorporated and disperse to the system by low shear force even by hand stirring. However they are recommended to add in after the metallic pigments have been dispersed homogeneously.

The advantages of Touch OTAL 2003 are as below:

- Prevent aluminium or pearlescent pigment goes swimming on wet coat. This will give good orientation to the metallic pigment and enhance better finishing of the final coating.
- Easy to incorporate even by hand stirring and thus reduces manufacturing time.
- Non-seeding and maintain excellent stability in storage.



Touch OTAL 2003 Competitor



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Above diagram showing the comparison test on effectiveness of preventing aluminum "swimming" in a Acrylic / CAB system.

Recommended For Use

Touch OTAL 2003 is recommended for non-aqueous system. It can be use in Polyurethane, Acrylic-CAB system, Saturated Polyester-CAB system, straight thermoplastic Acrylic and NC.

	<u>Touch OTAL 2002</u>	<u>Touch OTAL 2003</u>	<u>Touch OTAL 2006</u>	<u>Touch OTAL 2008</u>
Brilliancy	Excellent	Excellent	Average	Average
Sparkling	Average	Average	Excellent	Excellent

Thus, Touch OTAL 2003 is highly recommended for plastic coating where the brilliancy and flick-flog effect is better.

The effect of aluminium orientation is very depending on the formulation. Therefore in the requirement of individual, our recommended typical dosage is max. 25% based on the total formulation. A dosage more than 25% may affect the overcoat adhesion properties of the clear coat. Thus adhesion test is needed to be carried out.

Packaging

20kg and 170 kg non-returnable open top metal drum.