



Touch Chem (M) Sdn Bhd

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Touch OTAL 2002

High efficiency aluminum orientation agent & anti-settling agent for metallic finishing coating

Properties

Active Ingredient	:	14.5 – 15.5%
Stabilized Resin	:	10.5 – 11.50%
Solvents	:	Xylene/ MPA/Butyl Acetate
Flash Point	:	24°C
Appearance	:	White thixotropic behavior liquid
Density	:	0.86 – 0.88 g/cm ³

Description

[Touch OTAL 2002](#) is a thixotropic behavior liquid and is a higher solid version of [Touch OTAL 2003](#). The basic chemistry on this products based on co-polymer of Polyamide-Ethylene Vinyl Acetate wax in the mixture solvents of Xylene, MPA and Butyl Acetate.

It gives good aluminium and pearlescent pigments orientation control in order to give better workability and better finishing of metallic coating. This is a very effective orientation agent and anti-settling agent. **It need only 1/3, on dosage in weight, comparing to the common orientation agents available in the market.** In fact at this dosage, the orientation effect is much better.

Recommended For Use

	Touch OTAL 2002	Touch OTAL 2003	Touch OTAL 2006	Touch OTAL 2008
Brilliancy	Excellent	Excellent	Average	Average
Sparkling	Average	Average	Excellent	Excellent

Thus, [Touch OTAL 2002](#) is highly recommended for plastic coating where the brilliancy and flick-flog effect is better.

[Touch OTAL 2002](#) can be incorporated at any stage of production but ideally will be after the metallic pigments have been dispersed homogeneously. A low sheer force, 6.0m/s of spiracles velocity is needed for incorporation and mixes homogeneously the final mixture for 5 min. to ensure good incorporation.

The effect of aluminium orientation is very depending on the formulation. Therefore in the requirement of individual, our recommended typical dosage is max. 7% based on the total formulation. A dosage more than 7% may affect the overcoat adhesion properties of the clear coat. Thus adhesion test is needed to be carried out.

Packaging

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