



## Touch Chem (M) Sdn Bhd

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### Touch OTAL 2008

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

#### Properties

Active Ingredient	:	14.5 – 15.5%
Solvents	:	Xylene
Flash Point	:	24°C
Appearance	:	White thixotropic behavior liquid
Density	:	0.86 – 0.88 g/cm <sup>3</sup>

#### Description

**Touch OTAL 2008** is a thixotropic behavior liquid. The basic chemistry on this products based on co-polymer of Polyamide-Ethylene Vinyl Acetate wax in the mixture solvents of Xylene.

It gives good aluminium and pearlecent 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.

**Touch OTAL 2008** can be easily incorporated and disperse to the system by low shear force, minimum of 6.0m/s of spiracles velocity. However they are recommended to add in after the metallic pigments have been dispersed homogeneously.

The advantages of **Touch OTAL 2008** are as below:

- Prevent aluminium or pearlecent pigment goes swimming on wet coat. This will give good orientation to the metallic pigment and enhance better finishing of the final coating.
- Low dosage, 1/3, on dosage in weight, comparing to the common orientation agents available in the market.
- Excellent heat resistance
- Easy to incorporate and thus reduces manufacturing time.
- Non-seeding and maintain excellent stability in storage.
- Non-discoloring
- Non reactive

#### Recommended For Use

**Touch OTAL 2008** is recommended for non-aqueous system. It can be use in Polyurethane, Acrylic-CAB system, Saturated Polyester-CAB system, straight thermoplastic Acrylic, Stoving Acrylic and Saturated Polyester system and NC.

**Touch OTAL 2008** can be incorporated at any stage of production but ideally will be after the metallic pigments have been dispersed homogeneously. A low shear 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.