

## Technical Information

### Titanium Chelate

<b>Product Code :</b>	JA – 10
<b>Product Name :</b>	ADHESION PROMOTOR

#### INTRODUCTION

This Chelate has many uses as cross-linking agent, catalyst & surface modifying agent. One of the component is isopropyltitanate; Ti (O<sub>i</sub>C<sub>H</sub>) The Chelate is very reactive to moist air. This product does not contain any acetylacetone. The importance of this chelate is it is more resistant than titanium acetylacetone chelate to Phenolic antioxidants and is therefore much less likely to produce more colour in system where these antioxidants are present.

#### PRODUCT CHARACTERISTICS

- Stable Product
- Light colour
- Very low odour
- Good compatibility with N.C mediums, Polyurethane resins& polyamide resins
- Good cross-linking agent for polymer containing hydroxyl groups.
- Excellent adhesion & heat stability to olefinic substrates, Foils, Metal, Rubber
- Cellophane, Polyethylene and other plastics.

#### APPLICATION AREA

- For Flexo / Gravure inks
- For BOPP & Co extruded Polypropylene Film.
- Inks for all types of substrates.

#### SPECIFICATIONS

<b>Physical Appearance</b>	CLEAR PALE YELLOW LIQUID
<b>ODOUR</b>	ALCOHOLIC
<b>SPECIFIC GRAVITY/ 300C.</b>	0.9790
<b>VISCOSITY FCB4/300C SECS.</b>	16-18
<b>TITANIUM CONTENT%</b>	8.50
<b>NVM%</b>	50+/-2

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<b>PACKING</b>	25 & 200 Kg HDPE Drum
<b>SHELF LIFE</b>	Recommended for use within six months of date of manufacture
<b>STORAGE CONDITIONS</b>	Should be stored in a cool & dry place

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