

<b>PATIL DYESTUFF INDUSTRIES</b>	<b>Specification of Finished Products</b>	Doc. No.:	SPECS:TIC 30
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	<b>Specification of Titanium Phosphate Complex</b>	Issue No.:	00
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### Titanium Phosphate Complex

#### TYPE

TIC 30 is Titanium Phosphate Complex is a pale yellow clear solution of Titanium chelates in alcohol.

#### USAGE

Titanium Phosphate Complex is light colour , low odour adhesion promoter used in printing industry applications. It enhances crosslinking of the polymeric binder present in the printing ink.

#### PROPERTIES

PROPERTIES	UNIT	SPECIFICATIONS
Colour and appearance	-	Colourless to pale yellow clear liquid
Titanium in product as TiO <sub>2</sub>	%	14.00 - 14.80
Specific gravity at 25/25°C	-	0.995 - 1.015
Viscosity at 25°C	cPs	14 – 26
Effect of water	-	Extremely rapid hydrolysis
Compatibility with solvents	-	Butanol, Hexane, Benzene, Toluene

#### SHELF LIFE

About 12 months if stored at temperature between 0 to 40°C in original sealed containers, in dry place.

#### HANDLING INSTRUCTIONS

1. Titanium Phosphate Complex is flammable hence keep them away from fire.
2. Titanium Phosphate Complex is highly sensitive to water. Hence, dry atmosphere is recommended in the storage place.
3. Titanium Phosphate Complex is quite sensitive to heat. Hence, keep them in sealed containers in a cool place.
4. In the case of spillage or leakage, put sand on it and immediately sprinkle the area with water.

#### PACKING

Type	ISO Tanker	IBC	M.S. Barrels
1. TIC 30	As per Customer Requirement	1000 Kgs	200 Kgs

The above values based on our test methods are for guidance and are given in good faith without any warranty

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