

# TECHNICAL DATA SHEET –PUREti™ TAA 75

**PUREti TAA75** is a solution in isopropanol of a titanium chelate, d-iso-propoxy titanium bis(2,4 pentanedionate), or di-iso-propoxy titanium acetylacetonate. The acetylacetonate ligands confer increased stability to the titanate compared with the titanium alkoxides.

**PURTti TAA75** is used as a printing ink additive to improve adhesion, heat stability and other resistance properties, as a cross linking agent for hydroxylic compounds, as a cure catalyst and as a coupling agent for fillers and glass fibers.

## Physical and Chemical Properties

Properties	Unit	Value
Appearance/Color	-	Orange to red clear liquid
Molecular Weight	g/mole	364
Ti Content	%	9.48 – 10.20
Density @25°C	g/cm <sup>3</sup>	0.991 – 1.003
Flash Point	°C	12
Solubility in Solvents	-	Miscible in Butanol, n-Hexane
Solubility in water	-	Rapidly hydrolysed by water
CAS No		17927-72-9