

Product Identification

Polycin® T-400 is a 100% solids castor oil based derivative designed for use as a polyol or reactive diluent for use in polyurethane coating systems. **Polycin® T-400** will impart higher hardness and strength to polyurethane systems. As a reactive diluent, **Polycin® T-400** provides VOC reduction along with the beneficial properties of castor oil derivatives such as improved flow and levelling.

Physical Properties

Property	Value
Acid Value	1
Color, Gardner	2 – 3, typical
Equivalent Weight	141
Form	Clear, pale amber liquid
Functionality	3
Hydroxyl Value	400
Moisture, %	0.02
Non-Volatile, %	100
Specific Gravity, 25°C/25°C	0.996
Viscosity, cP @ 25°C	1,500
Weight per Gallon, (lbs.)	8.29

Applications

- Formulation of 100% solids high performance polyurethane coatings
- Property improvements such as; hardness, adhesion, moisture resistance, and chemical resistance in coatings, adhesives, sealants, and elastomeric formulations
- Low VOC UV resistant industrial maintenance coatings
- Low VOC force dry and bake topcoats and primers for plastics and metal
- Highly durable rigid urethane moldings and castings
- VOC and viscosity reduction in coatings, adhesives and sealants
- Urethane Intermediates, Polymers

For toxicity or regulatory information please consult the Material Safety Data Sheet.

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