

# Polycin™ T-400

## polyol for coatings and adhesives

### product information

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

### application background

- Formulation of high solids polyurethanes
- Coatings, adhesives, sealants and elastomeric formulations
- Low VOC, UV resistant industrial maintenance coatings
- Force-dry bake topcoats
- Primers for plastics and metals
- Highly durable rigid urethane moldings and castings

### performance benefits

- Moisture resistance based on hydrophobic nature
- High hardness and strength
- Improves direct and reverse impact strength
- Excellent gloss retention and chemical resistance
- Biodegradable and renewable source

### typical characteristics

Form	Pale, amber liquid
Equivalent Weight	141
Functionality	3
Hydroxyl Value	400
Viscosity, cP @ 25°C	1,500
Acid Value	5 maximum
Gardner Color	7 maximum
Specific Gravity, 25°C/25°C	0.996
Moisture, %	0.05 maximum
Non-Volatile, %	100

Consult the Safety Data Sheet for hazard and regulatory information

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201 North Illinois Street, Suite  
1800 Indianapolis, IN 46204 USA  
ask@aurorium.com  
[www.aurorium.com](http://www.aurorium.com)

technical data sheet