

Product Identification

Caspol® 5001 is a 100% solids castor oil based reactive diluent with a linear chain backbone having low viscosity, good compatibility and wetting. This polyol is the lowest molecular weight diol of the Caspol® series. Caspol® 5001 has a very low viscosity and produces higher strength, elongation and flexibility the DB Oil, while being softer.

Physical Properties

Property	Value
Acid Value	2
Appearance	Pale liquid
Color, Gardner	2
Density, lbs./gal, 25°C	7.99
Equivalent Weight	197
Functionality	2
Hydroxyl Value	285
Moisture, %	0.02
Non-Volatile, %	100
Specific Gravity, 25°C/25°C	0.960
Viscosity, cP @ 25°C	300

Applications

- Formulation of 100% solids high performance polyurethane coatings
- Low VOC UV resistant 2-component industrial maintenance coatings and thermosetting OEM coatings
- Property improvements such as; flexibility, adhesion, moisture resistance, and chemical resistance in coatings, adhesives, sealants, and elastomeric formulations
- Low VOC force dry and bake topcoats and primers for plastics and metal
- 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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