

**Product Identification**

Caspol® 5003 is a 100% solids castor oil based reactive diluent with a linear chain backbone having a low viscosity, good compatibility and wetting. Caspol® 5003, a linear chain diol, is composed of a blend of primary and secondary hydroxyls which makes this polyol more reactive yielding slightly harder and less flexible components than either Caspol® 5001 or DB Oil.

**Physical Properties**

<b>Property</b>	<b>Value</b>
Acid Value	2
Appearance	Pale liquid
Color, Gardner	2
Density, lbs./gal, 25°C	8.03
Equivalent Weight	214
Functionality	2
Hydroxyl Value	262
Moisture, %	0.02
Non-Volatile, %	100
Specific Gravity, 25°C/25°C	0.965
Viscosity, cP @ 25°C	430

**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.

*Information contained in this technical data sheet is believed to be accurate. Vertellus Performance Materials Inc. assumes no liability and makes no warranty or representation that the information is correct or complete and EXPRESSLY DISCLAIMS ALL REPRESENTATIONS OR WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Final determination of suitability of any material and issues of patent infringement is the sole responsibility of the user who alone knows the conditions of intended use. Our customers should ensure that any product incorporating a Vertellus ingredient is safe for its intended use pursuant to applicable law and that any necessary disclosures to consumers have been made.*