

# Polycin™ D-265

## polyol for coatings and adhesives

### product information

Polycin D-265 is a 100% solids, castor oil-based derivative designed for use as a polyol or reactive diluent in polyurethane coating systems. Polycin D-265, with its very low viscosity, will allow for the formulation of higher system solids with improved VOC reduction. Polycin D-265 will also impart the beneficial properties of castor oil derivatives, such as improved flow and levelling.

### application background

- Formulation of high solids polyurethanes
- Coatings, adhesives, sealants and elastomeric formulations
- Low VOC, UV resistant industrial maintenance and OEM coatings
- Force-dry bake topcoats
- Primers for plastics and metals
- Solvent free pigment dispersions for urethane and melamine bake systems

### performance benefits

- Moisture resistance based on hydrophobic nature
- VOC and viscosity reduction in coatings, adhesives and sealants
- Improvement in flexibility, adhesion and chemical resistance
- Biodegradable and renewable source

### typical characteristics

Form	Pale, yellow liquid
Equivalent Weight	212
Functionality	2
Hydroxyl Value	265
Viscosity, cP @ 25°C	370
Acid Value	5 maximum
Gardner Color	6 maximum
Specific Gravity, 25°C/25°C	0.968
Moisture, %	0.05 maximum
Non-Volatile, %	100

### recommended use level

- Dependent on application and ingredients used
- Contact your Aurorium representative for further information.

Consult the Safety Data Sheet for hazard and regulatory information

Information contained in this technical data sheet is believed to be accurate. Aurorium assumes no liability and makes no warranty or representation that the information is correct or complete. 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 an Aurorium ingredient is safe for its intended use pursuant to applicable law and that any necessary disclosures to consumers have been made.

© 2023 Aurorium Holdings LLC. All rights reserved. ™ indicates a trademark registered in the United States and/or elsewhere

Revised 27-MARCH-24



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

technical data sheet