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# Product Data Sheet

## Hercolyn® D

Methyl Ester of Hydrogenated Rosin

Number 4275

### Product Description and Use

**Hercolyn® D** methyl ester of hydrogenated rosin is a light amber liquid resinous tackifier and plasticizer. Being hydrogenated, it has marked resistance to aging. It is given a special steam purification treatment to assure consistent mild odor. Hercolyn D synthetic resin is used extensively in fragrance compounds, where it functions as a fixative, carrier, and compatibilizer, and in the formulation of chewing gum base. It is also used as a resinous plasticizer or tackifier in finished products such as lacquers, inks, adhesives, floor tiles, artificial leather, and antifouling paints.

### Applications

- Carrier and fixative in fragrance compounds
- Component in chewing gum base to adjust hardness, plasticity, and chew characteristics
- Resin component in adhesives, inks, floor tile, vinyl plastics, rubber compositions, and related applications

### Benefits

- High refractive index
- Low odor
- High boiling point
- Low vapor pressure
- Resistant to oxidation
- Excellent pigment wetting properties
- Wide solubility and compatibility ranges

### General Sales Specifications

Color, Gardner neat, maximum .....	6
Acid Number .....	4-8
Viscosity at 25 °C, Gardner-Holdt .....	Z-Z <sub>4</sub>
Appearance.....	EFFM

## Typical Properties

Color, Gardner neat .....	4
Saponification number, mg KOH/g.....	155
Refractive index at 20°C .....	1.52
Density at 25°C, lb/gal (kg/l) .....	8.5 (1.02)
Flashpoint, Setaflash CC, °F (°C) .....	388 (198)
Boiling point, 760 mm mercury, °C .....	360-364

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## Packaging

<u>Package</u>	<u>Form</u>	<u>Net Weight</u>
Drum, 55-gallon, steel	Liquid	450 lbs, 204.12 kg
Bulk, tank truck	Liquid	Varies

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## Regulatory/Classifications

CAS No. 8050-15-5                      US DOT: Not regulated

US FDA:	21 CFR 172.515	21 CFR 176.210
	21 CFR 172.615	21 CFR 177.1200
	21 CFR 175.105	21 CFR 177.1210
	21 CFR 175.125	21 CFR 177.1400
	21 CFR 175.300	21 CFR 177.2600
	21 CFR 175.320	21 CFR 178.3120
	21 CFR 175.390	21 CFR 178.3800
	21 CFR 176.170	21 CFR 178.3850
	21 CFR 176.180	21 CFR 178.3870
	21 CFR 176.200	21 CFR 73.1 (b)

Other regulatory information available on request.

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## Product Safety

Read and understand the Material Safety Data Sheet before using this product.

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