

# Foreverest Resources Ltd

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## Colorless Pentaerythritol Hydrogenated Rosinate

PEHR100D/PEHR100E

PEHR100D is a kind of super light color tackifying polyols resin, which is esterified from refined gum rosin by pentaerythritol, and through series combined technologies units of catalytic hydrogenation. With benefit of light color, low odor, good heat stability and excellent ageing resistance, CPEHR is mainly used in screen protection film, medicinal patch, diaper adhesive, PSA and HMA.

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### Substance Identification

Synonyms

Colorless Pentaerythritol Ester of Hydrogenated Rosin | CPEHR

CAS

N/A

EINECS	264-848-5
FEMA	N/A
HS.CODE	38069000
Molecular Formula	C5H12O4
Molecular Weight	136.1464

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## Application & Uses

1. used as tackifier for screen protection film
2. used as tackifier for medicinal patch
3. used as tackifier for diaper adhesives
4. used as tackifier for PSA and HMA
5. used as moisture-curable hot melt adhesive([US Patent 8324299](#))

## Features & Benefits

- Light Color
- Low Odor
- Good Heat Stability
- Excellent Ageing Resistance

## Sales Specification

ITEM	VALUE	TEST METHOD & UNIT
Solubility	Clear	with toluene 1:1
Color	150 max	@Hazen Unit
Acid Value	10 to 20	mg/g
Softening Point	95 to 105	@R&B, °C
Iodine Value	15 max	gI2/100g

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## Similar Specs

[Colorless Pentaerythritol Hydrogenated Rosinate](#)

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Pentaerythritol Hydrogenated Rosinate

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## Package

- Iron Drum, 225kg net each
- Kraft Paper Bag, 25kg net each

## GHS Hazard Statements

No GHS data available

## Storage

- avoid contact with light
- keep separated from incompatible substances
- store and handle in accordance with all current regulations and standards
- store in a cool, dry place
- store in a tightly closed container

## Relation Products

- Colorless Fully Hydrogenated Rosin
- Colorless Glyceryl Hydrogenated Rosinate
- Pentaerythritol Ester of Maleic Rosin
- Pentaerythritol Hydrogenated Rosinate

## *Remark*

*The above information is believed to be accurate and presents the best explanation currently available to us. We assume no liability resulting from above content. The technical standards are formulated and revised by customers' requirement and us, if there are any changes, the latest specification will be executed and confirmed in the contract.*