

Product Data Sheet

NeoPac™ E-129

NeoPac™ E-129 is a urethane acrylic copolymer dispersion. The product is designed for use in transparent and pigmented wood coatings and exhibits hardness, chemical resistances, excellent imprint resistance and good wood wetting.

Product characteristics

- Type - Aliphatic urethane acrylic copolymer dispersion
 Neutralizing agent - Triethylamine
 Freeze/thaw stability - Stable

Film properties

- Hardness
- Wood wetting and flow
- Hand cream resistance
- Chemical-and solvent resistance
- Imprint and block resistance

Recommendations on formulation and use

- Wood coatings
- Plastic Coatings
- Concrete Floor Coatings (hot tire resistant)

Formulating guidelines

- NeoPac™ E-129 needs the addition of coalescent for proper film formation
- See our guide formulations for specific information

Delivery form: 39 % solids in water.

Product specifications

Property	Range	Unit	GAP
Appearance	White translucent	liquid	0059
Total solids w/w	38.0 - 40.0	%	0001
pH	6.5 - 8.0		0016
Visc. Brookfield 25°C	Max. 400	mPa.s	0020

Other product data

Property	Value	Unit	GAP
MFFT	60	°C	0011
Density 20 °C	± 1.04	Kg/L	0006
Free monomer	Max. 250	ppm	0118
Neutralizing agent triethylamine	± 0.9	%	
VOC (theoretical)	± 1	%	
Preservative(s):			
CMIT/MIT (3:1) (casno. 55965-84-9)	0.0014	%	0222

Test methods

Test methods (GAP) referred to in the table(s) are available on request.

Storage guidelines

The resin should be stored indoors in original, unopened, undamaged container in a dry place at storage temperature between 5- 40 °C. Exposure to direct sunlight should be avoided.

Shelf life

Under above mentioned storage conditions, the shelf life of the resin will be 12 months ex work.

Material safety

A Material Safety Data Sheet for this product is available on request.