



## Product Data Sheet

### NeoCryl® B-842

NeoCryl® B-842 is a solid methacrylic copolymer for use in low odour aluminium heat seal lacquers. And for use in interior and exterior paints

#### Product characteristics

Type - BMA copolymer  
Average mol. Weight - 110.000

#### Film properties

- Adhesion to aluminium, PVC and PS
- Heat seal temperature 180 - 200°C
- Low residual odour

#### Recommendation for end-use

- In combination with vinyl resins in heat seal lacquers on aluminium for sealing to PVC and PS
- Plastic coatings
- Ceramic glazing
- Concrete sealers and seamless/ industrial flooring

#### Formulating guidelines

- NeoCryl® B-842 is soluble in aromatics, esters, ketones and tolerates alcohols as cosolvent
- Broad compatibility with plasticizers, vinyl resins, NC and acrylics
- See our guide formulations for specific information

#### Regulatory data sheet / Food contact

Specific information on compliance to food contact regulations is detailed in the regulatory data sheet, available on request.

Delivery form: 100 % solid beads.

#### Product specifications

Property	Range	Unit	GAP
Appearance	White, free flowing beads		0059
Total volatile	Max. 1.0	±%	0025
Visc. Brookfield 25°C 30 % in MEK/ethylacetate 1/1	50 - 100	mPa.s	0020

#### Other product data

Property	Value	Unit	GAP
Density 20°C	± 1.08	kg/l	0006
Free monomer	Max. 3000	ppm	0118
Tg (DSC)	± 47	°C	1140
Softening point R&B	± 155	°C	1501
Acid value (on solid)	< 1	mgKOH/g	0095

#### 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 24 months ex work.

#### Material safety

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

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