

# Polyquart® 149

® = Registered trademark of BASF

**Acrylic copolymer, Na-salt**  
**Polymer additive for hard surface modification**



distribuito da:

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azienda fondata nel 1892

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**Chemical Character**

Aqueous solution of an acrylic copolymer, Na-salt. Polyquart® 149 contains max. 0.0049% 1,2-Benzisothiazolin-3-one and max. 0.009% Methyl-4-isothiazolin-3-one.

**PRD-No.\***

30636663

\* BASF's commercial product numbers.

**Storage**

- a) Polyquart® 149 should be stored in a dry place in its original sealed packaging.
- b) It is advised to tightly seal every opened container, if they were only partly emptied.
- c) The storage temperature must not exceed 60 °C and should exceed 25 °C only for a short period of time.  
Storage temperature above 25 °C will cause an increase of the color number.
- d) At low temperature (approx. -2 °C) the product becomes solid. Warming to about 10 °C up to 25 °C allows the product to become liquid again.  
Though it is almost homogenous after thawing, it is recommended to stir it prior to use.
- e) Drums or containers that have solidified should be reconstituted by gentle heating, preferably in a heating cabinet. The temperature must not be allowed to exceed 60 °C. This also applies if drums are heated by external electrical elements. Internal electrical elements should not be used because of the localized anomalies in temperature that they cause.
- f) To avoid discoloration, Polyquart® 149 must be blanketed with nitrogen if it is stored in heated tanks (up to 60 °C) to prevent it from coming into contact with air. Constant, gentle stirring helps to prevent it being discolored as a result of prolonged contact with electrical elements or external heating coils.



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**Materials**

The following materials can be used for tanks and drums:

- a) Stainless steel 1.4541 – AISI 321 stainless steel (X6 CrNiTi 1810)
- b) Stainless steel 1.4571 – AISI 316 Ti stainless steel (X6 CrNiMoTi 17122)
- c) Polyethylen (HDPE/LDPE)

**Shelf life**

Provided it is stored properly and drums are kept tightly sealed, Polyquart® 149 has a total shelf life of 18 months in its original packaging.

**Properties**

	Unit	Value
Physical form (23 °C)		Liquid
Appearance (23 °C)		Clear, yellowish
Odor		Product specific
Concentration (dry content) (ISO 3251, 1 g, 110 °C, 2 h)	%	approx. 22
pH value (DIN 19268, 23 °C, as is)	%	approx. 6.5
Viscosity (ISO 2555, Brookfield RVT, 23 °C, as is, Spindle 2, 100 rpm)	mPa·s	approx. 250
Density (DIN 51757, 23 °C)	g/cm <sup>3</sup>	approx. 1.05
Iodine color (EN 1557, 23 °C, as is)	%	approx. 2
Water content (DIN 53715)	%	approx. 77

The above information is correct at the time of going to press. It does not necessarily form part of the product specification.

A detailed product specification is available from your local BASF representative.

**Safety**

We know of no ill effects that could have resulted from using Polyquart® 149 for the purpose for which it is intended and from processing it in accordance with current practices.

According to the experience that we have gained over many years and other information at our disposal, Polyquart® 149 does not exert harmful effects on health, provided it is used properly, due attention is given to the precautions necessary for handling chemicals, and the information and advice given in our Safety Data Sheets are observed.

Please refer to the latest Safety Data Sheet for detailed information on product safety.

**Note**

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