

POLYAC® CATALYST

HARDENER POWDER FOR POLYAC® RESIN SYSTEMS

DESCRIPTION

POLYAC® CATALYST is a white powder containing 50 % peroxide (BPO - benzoyl peroxide) and is the universal hardener component for all POLYAC® systems.

ADVANTAGES

- High reactivity
- Universal hardener component for all reactive POLYAC® resins.
- Free-flowing powder
- Almost odourless
- Applicable at low temperature
- Widely applicable
- Optimized polymerization under difficult conditions

FIELD OF APPLICATION

POLYAC® CATALYST initiates and polymerizes the POLYAC® resins.

APPLICATION

Note: The following is a typical application description. In case of other jobsite parameters, please contact our technical department.

PRELIMINARY ANALYSES

Measure the ambient temperature and use this to determine the amount of resin powder to be added to the POLYAC® resins to be used. (Consult the table on the technical data sheets of the POLYAC® products to be applied).

REQUIRED TOOLS

Measuring cups and scales adequate up to 1 gram.

PREPARATION OF THE PRODUCT

Dosage

The dosage depends on:

- Type of POLYAC® reactive resin
- Temperature of substrate and materials
- Layer thickness
- Filling degree

Mixing

Mix all POLYAC® resins well before use. Paraffin can separate during storage. Dispense an amount of resin that can be processed within 15 minutes. Add 1 to 5 % of POLYAC® CATALYST, see technical data sheets of POLYAC® resins for the correct quantity.

Mix until the powder is completely dissolved and add any additives, see technical data sheets of the respective POLYAC® resin.

PREPARATION OF THE EQUIPMENT

Always work with clean and dry measuring and mixing containers.

APPLICATION CONDITIONS

See the technical data sheets of the POLYAC® products to be used.

TECHNICAL DATA

APPEARANCE - COMPOSITION

White powder

CONSUMPTION

See the technical data sheets of the POLYAC® products to be used.

TECHNICAL DATA

Odour	Typical, slightly irritating	
Viscosity	Powder free flowing	
Shaking weight	0,64 kg/dm ³	
Solubility	Water	Insoluble
	Solvent	Soluble
Flash point	180 °C	

REFERENCE DOCUMENTS



PACKAGING

POLYAC® CATALYST	0,5 kg	Plastic pail
	5 kg	Plastic pail
	25 kg	Box

STORAGE AND SHELF LIFE

Store POLYAC® products in a dry, well-ventilated storage area between +5 and Max. +25 °C. Shelf life: 12 months after production date.

In case of doubt, please contact RESIPLAST NV and state the batch number on the packaging. Do not discharge into groundwater, surface water of sewers. Dispose of contaminated packaging and residues in accordance with the applicable legal requirements.

SAFETY PRECAUTIONS

Carefully read the safety data sheets before using POLYAC® products. A characteristic odour arises during processing. Ensure adequate ventilation, keep away from sources of ignition and do not smoke. Avoid skin contact. Eye irritation and/or hypersensitivity may occur with severe vapour concentration, inhalation and/or skin contact. Do not store food (food, drinks) in the same workspace. Always wear personal safety equipment in accordance with the applicable local guidelines and legislation. Gloves and safety glasses are mandatory.

The above information is provided in good faith, but without any guarantees. The application, use and processing of the products are beyond our control and are, as such, the sole responsibility of the user/processor. In the event that Resiplast N.V. is still held liable for damages, then the claim will still be limited to the value of the goods delivered. We always aim to deliver consistently high quality goods. All values on this technical sheet are average values that result from tests carried out under laboratory conditions (20 °C and 50 % RH). Values that are measured on the construction site may show a slight deviation since the environmental conditions, the application, and the way of processing our products are beyond our control. Do not add any products other than those indicated on the technical documentation. This version replaces all previous versions. Version 2.0 Date: 7 May 2021 8:45 am