

ARMOUR-GUARD CATALYST

Hardener powder for Armour-Guard® Systems

Armour-Guard Catalyst is a white powder containing 50% peroxide (BPO - dibenzoyl peroxide) and is the universal hardener component for all Armour-Guard Systems.

BENEFITS

- High reactivity
- Universal hardener component for all reactive Armour-Guard resins
- Free-flowing powder
- Almost odorless
- Applicable at low temperature

FIELD OF APPLICATION

Armour-Guard Catalyst initiates and polymerizes Armour-Guard resins.

APPLICATION

Note: The following is a typical application description. In case of other jobsite parameters, please contact a Transpo Regional Manager.

Pre-application Checks

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

Required Tools

- Measuring cups and scales with accuracy of 1 gram.

Preparation of the Product

The dosage depends on:

- Type of Armour-Guard reactive resin
- Temperature of substrate and materials
- Layer thickness
- Filling degree

Mix all Armour-Guard resins fully before use. Paraffin can separate during storage. Dispense an amount of resin that can be processed within 15 minutes. Add 1% to 6% of Armour-Guard Catalyst, see technical data sheets of Armour-Guard resins for the correct quantity.

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

Preparation of the Equipment

Always work with clean and dry measuring and mixing containers.

Application

See the technical data sheets of the Armour-Guard products to be used.

TECHNICAL DATA

Appearance — Composition

White powder

Consumption

See the technical data sheets of the Armour-Guard 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	

CE Marking



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Transpo Industries

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DoP N°: DOP02PLC02S2

DoP N°: DOP02PLC03S2

DoP N°: DOP02PLC04S2

Reference Documents



PACKAGING

Armour-Guard Catalyst

10 kg / 22 lb	Plastic pail
25 kg / 55.1 lb	Box

STORAGE AND SHELF LIFE

Store Armour-Guard Catalyst in a dry, well-ventilated storage area between +5°C and +25°C / 41°F and 77°F.

Shelf life: 12 months after production date.

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

SAFETY PRECAUTIONS

Carefully read the safety data sheets before using Armour-Guard 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 vapor 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.

WARRANTY: The following warranty is made in lieu of all other warranties, either expressed or implied. This product is manufactured of selected raw materials by skilled technicians. Neither seller nor manufacturer has any knowledge or control concerning the purchaser's use of either product and no warranty is made as to the results of any use. The only obligation of either seller or manufacturer shall be to replace any quantity of this product that proves to be defective. Neither seller nor manufacturer assumes any liability for injury, loss, or damage resulting from use of this product.

The value ranges stated above are based on system processing under laboratory conditions. Equipment configurations and/or field application conditions may produce variances in final system values.

To be used as general guidelines only.

The base language for this technical data sheet is English.

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