

# QUALITY PROTECTS.



**Biocides and biocide concentrates** for  
the manufacturing of Wood Preservatives  
for DIY and professional applications

**X Preventol®**

**QUALITY WORKS.**

**LANXESS**  
Energizing Chemistry

## OUR BIOCIDES PROTECT WOODEN SURFACES

LANXESS is a leading supplier of active ingredients used in wood protection. Our customers can choose from a broad range of fungicidal and insecticidal substances to protect wood and wood-based materials from molds and blue-staining fungi, wood-destroying fungi, wood-destroying insects as well as termites.

We offer biocides and biocide concentrates for the manufacture of ready-to-use wood preservatives for do-it-yourself and professional use and for industrial applications like flow coating, dipping and automated spraying.

The preservatives are designated for preventive and curative applications in use classes 2 and 3 – (outdoor exposure incl. window frames and exterior doors).

LANXESS has the capabilities to develop customized solutions with a broad portfolio and an adequate technical support.

- High quality products
- HSEQ implementation
- Dedicated customer service
- Flexible and innovative solutions
- Worldwide production - local access
- Strong brands
- Broad regulatory expertise



**Table 1: Biocides and Concentrates for PT 8 Use**

Product	Active ingredient	Appearance	Comment
Preventol® MP 100	IPBC	Powder	- For water-borne and solvent-based wood coatings
Preventol® MP 200	IPBC	Solution	- For water-borne and solvent-borne wood coatings
Preventol® MP 260	IPBC	Solution	- For water-borne and solvent-borne wood coatings
Preventol® MP 330	IPBC	Solution	- For water-borne and solvent-based wood coatings
Preventol® MP 400-D	IPBC	Dispersion	- For water-borne wood coatings
Preventol® MP 700	IPBC	Solution	- Stabilized IPBC solution - For solvent-borne wood coatings
Preventol® A 8	Tebuconazole	Powder	- For water-borne and solvent-based wood coatings
Preventol® A 8-F	Tebuconazole	Dispersion	- For solvent-borne wood coatings
Preventol® A 8-TK 15	Tebuconazole	Solution	- For water-borne and solvent-borne wood coatings
Preventol® A 70	Tebuconazole, IPBC	Concentrate	- For water-borne wood primers
Preventol® A 72	Tebuconazole, IPBC, Permethrin	Concentrate	- For water-borne wood primers
Preventol® HS 75	Permethrin	Solidified liquid	- For water-borne and solvent-based wood coatings
Preventol® HS 75-S 50	Permethrin	Solution	- For solvent-borne wood coatings
Preventol® HS 75 CT 300	Permethrin	Solution	- For water-borne wood coatings

## AT LANXESS RELIABLE BIOCIDES COME ALONG WITH DEDICATED REGULATORY AND TECHNICAL SUPPORT

### WORLDWIDE TECHNICAL SUPPORT FROM OUR LABORATORIES

What distinguishes LANXESS from competitors is our dedicated regulatory and technical support.

Our roots go back to 1907, when we marketed antimicrobial active ingredients for the first time. Dedicated colleagues, extensive research and development as well as several acquisitions have made us who we are today – one of the world's leading companies for biocides in wood protection.

Our laboratories offer inter alia microbiological tests, analytical studies, stability and performance tests. Our experienced experts support you with technical advice, guide recipes and analytical methods in order to enable you to develop or optimize your product portfolio.



**LANXESS**  
Energizing Chemistry

**Regulatory  
support**

**Technical  
support**

## REGULATORY SUPPORT TO REGISTER YOUR WOOD PROTECTION PRODUCTS UNDER BPR IN EUROPE

The constantly changing regulatory environment makes it difficult for formulators to stay up-to-date. Our regulatory experts are actively involved in a number of regulatory committees and continuously in close contact with registration authorities.

Thus, LANXESS always keeps pace with the latest developments, and can give up-to-date information and advice. If you have any question, our experts will be pleased to support you.

Our active ingredients for wood protection uses are included in the ECHA Article 95 List for Product Type 8 (PT 8). LANXESS can provide letter of access to the relevant active substances data which you need for your own product authorizations.

### BPR SUPPORT PROGRAM

The development and registration of wood preservatives as biocidal products (PT 8) under the scheme of the Biocidal Product Regulation (BPR, Regulation (EU) 528/2012) is linked to immense costs and efforts. Thus many paint producers are reluctant to go through the entire process which can take several years and which ties up valuable resources in research and development laboratories and registration departments.

LANXESS BU Material Protection Products offers a diversified portfolio of recipes for water-borne and solvent-borne wood primers and minimal built stains. You may start marketing of your own product after simple same product or back-to-back registration.

#### Recipes for Registration of your own Wood Preservatives

##### Solvent-based Wood Preservatives

Product	Solid binder	Pigment	Basidio-mycetes	Blue stain	Insects	Termites	Coverage
Preventol® Primer TIP	6%		✓	✓	✓		150 - 160 ml/m <sup>2</sup>
Preventol® Stain TIP	6%	✓	✓	✓	✓		170 - 180 ml/m <sup>2</sup>

##### Water-based Wood Preservatives

Product	Solid binder	Pigment	Basidio-mycetes	Blue stain	Insects	Termites	Coverage
Preventol® Aqua Primer TI	5%		✓	✓			120 ml/m <sup>2</sup>
Preventol® Aqua Primer TIP 200	5%		✓	✓	✓		120 ml/m <sup>2</sup>
Preventol® Aqua Primer TIP	5%		✓	✓	✓		120 ml/m <sup>2</sup>
Preventol® Aqua Primer TIP Termite	5%		✓	✓	✓	✓	120 ml/m <sup>2</sup>
Preventol® Aqua Primer TI Colour	11%	✓	✓	✓	✓		120 ml/m <sup>2</sup>

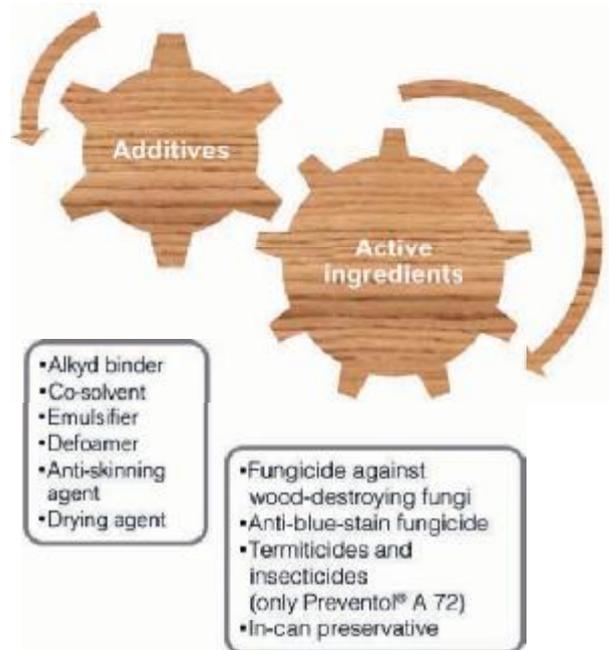
## CONVENIENT PRODUCTION OF A READY-TO-USE FORMULATION: ALL-IN-ONE WOOD PRESERVATIVE PRODUCTS

Preventol® A 70 and A 72 contain all the necessary ingredients to produce your own product based on the recipes Preventol® Aqua Primer TI, TIP or TIP 200 in only one step: After 1:3 dilution with water, the products can simply be filled into retail cans.

As well as active ingredients against wood harming organisms, the concentrates contain an alkyd binder and all other additives required to form a primer with excellent application properties and a short drying time.

The unique concentrates offer many advantages:

- Quick and convenient production of a ready-to-use formulation
- Improved supply chain: one product with all ingredients
- Reduced R&D costs: no customer product development necessary
- Straight focus on marketing and retail logistics possible
- Approved efficacy according to EU wood preservative standards



**CHOOSE YOUR PRODUCT FOR PROFESSIONAL OR DIY USE:  
PREVENTOL® A 70 OR PREVENTOL® A 72**

Your ready-to-use wood preservative primers can be applied by brushing and rolling prior to using decorative coatings. They close the wood pores, provide a smooth surface and ensure a proper adhesion of a subsequent top coat.

As the primers contain active ingredients against wood-destroying and staining fungi, they contribute to a long-lasting lifespan of the surface finish.

They are suitable for window treatment by automated dipping or flow coating as well.



**PREVENTOL® A 70:  
FOR PROFESSIONAL USE**

- For joinery and window treatment
- For professional painters and DIY use
- Can be combined with an insecticide
- Ready-to-use product to be applied at 120 ml/m<sup>2</sup>
- Contains < 200 g/l VOC

**PREVENTOL® A 72:  
FOR DO-IT-YOURSELF USE**

- For do-it-yourself use
- Also effective against insects
- Ready-to-use product to be applied at 200 ml/m<sup>2</sup>
- Contains < 200 g/l VOC



# LANXESS

Energizing Chemistry

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### **Use biocides safely. Always read the label and product information before use.**

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