

QUALITY PROTECTS.



LANXESS Material Protection Products
Preservatives for a Wide Range of Applications
- U.S. Market

QUALITY WORKS.

LANXESS
Energizing Chemistry

LANXESS

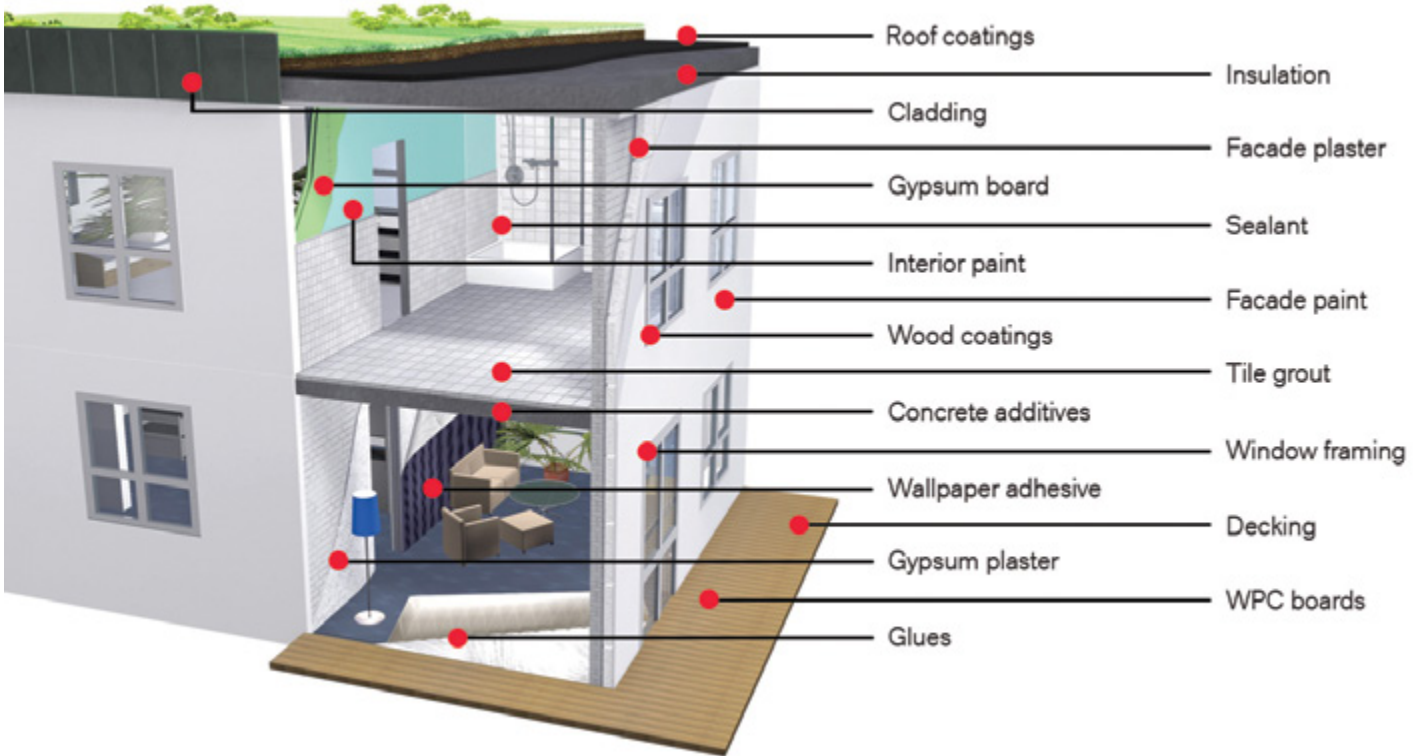
MATERIAL PROTECTION PRODUCTS

Quality Performance Preservatives Providing a Broad Range of Protection

LANXESS Material Protection Products (MPP) is a leading global manufacturer of industrial preservatives. Our roots go back to 1907 when we produced antimicrobial active ingredients for the first time. Thanks to our dedicated team, LANXESS is one of the world's leading companies for providing preservation products. We offer a broad portfolio of preservatives for microbial protection for a wide array of applications.

Some of the building materials around you, including paint, concrete, wood, adhesives and others, already may be protected with LANXESS preservatives. Consider LANXESS MPP when developing a new product, looking to reformulate existing products or seeking an alternative supplier. Our dedicated professionals will help you find the best preservation system for your unique needs.

Applications LANXESS Preservatives Protect



■ As with any product, use of the products mentioned in this publication in a given application must be tested (including field testing, etc.) by the user in advance to determine suitability. All applications are not listed. Please contact a LANXESS sales representative for a complete list.

X Biochek® **X Metasol®** **X Preventol®**

OUR COMMITMENT TO YOU

Regulatory Affairs and Technical Service and Support

LANXESS has a dedicated regulatory department to help you with global regulatory inquiries and the ever-changing local regulations and requirements. Customer regulatory support is a fundamental component of compliance and of our service to you.

We have our own Technical Center equipped with microbiological and analytical labs. Our technical support team uses both standardized methods and customized test methods to assist in troubleshooting your contaminated product, help devise a prevention protocol, and test and evaluate the effectiveness of preservative formulations for your product.

Our Commitment Goes Beyond Technical Support

At LANXESS MPP, we believe there is more to servicing our customers than just offering technical and regulatory service. We take a holistic approach to servicing your needs. An important aspect of this support is our dedicated local team of supply chain, sales and marketing experts. In addition, we also provide strategically placed warehouses and a distributor network throughout the US.



Value-Added Service – SAFE Plant Hygiene by LANXESS

LANXESS has the capability to provide you with a quality plant hygiene program that can help protect against microbial contamination within all areas of your facility.

Sanitation Program

Develop well-defined sanitation programs tailored to your plants requirements

Audit

Conduct plant audits as part of our commitment to quality

Formulate

Develop a standardized preservation program, including regular microbial challenge and analytical testing

Educate

Educate plant personnel on plant hygiene



PRESERVATIVES

PRODUCT SELECTION GUIDE

Dry Film, Plastics and Wood Preservation

Active	Product Name	Concentration	Form	VOC-free*
Carbendazim (BCM)/IPBC	NEW! Preventol® AM 63-D (Diuron, BCM, IPBC)	27%	Aqueous Dispersion	Yes
	Preventol® M 78-D (BCM, IPBC)	20%	Aqueous Dispersion	Yes
DIURON	Preventol® A6 Preservative	98%	Powder	Yes
	Preventol® A 14-D (Diuron, BCM, OIT)	35%	Aqueous Dispersion	Yes
IPBC	Preventol® MP 260	30%	Glycolic Solution	No
	Preventol® MP 400D	40%	Aqueous Dispersion	Yes
Propiconazole	Preventol® A 12-TK 50 Preservative	50%	Glycolic Solution	No
	Preventol® A 12-TK 48 (Propiconazole + IPBC)	50%	Glycolic Solution	No
Thiabendazole (TBZ)	Azotech® (TBZ + Azoxystrobin)	35%	Aqueous Dispersion	Yes
	Metasol® TK-100	99%	Powder	Yes
	Metasol® TK-25 A.D.	25%	Aqueous Dispersion	Yes
	Preventol® TZ (ZPT + TBZ)	30%	Aqueous Dispersion	Yes
	Biochek® 8064 DOTP (TBZ + IPBC)	22%	Liquid Dispersion	No
	Biochek® 8064 (TBZ + IPBC)	22%	Liquid Dispersion	No
	Biochek® 8065 (TBZ + IPBC)	9%	Liquid Dispersion	No
	Biochek® 8068 (TBZ + Propiconazole)	20%	Liquid Dispersion	No
	Biochek® 8069 (TBZ + Propiconazole)	20%	Liquid Dispersion	No
	Biochek® 8071 EVA (TBZ + IPBC)	9%	Pellets	No
Imidacloprid	Preventol® TM Preservative	90%	Powder	Yes
	Preventol® TM-EPS	99%	Powder	Yes
Penflufen	Preventol® A 800 Preservative	90%	Powder	Yes
Tebuconazole	Preventol® A8 Preservative	95%	Powder	Yes

As with any product, use of the products mentioned in this publication in a given application must be tested (including field testing, etc.) by the user in advance to determine suitability. All products and applications are not listed. Please contact a LANXESS sales representative for a complete list.

*Based on theoretical VOC content calculations and standards established by the EPA

Exterior Weathering Testing

LANXESS MPP Dry-Film products currently are being evaluated under real conditions at our global exterior weathering sites. These locations represent extreme weather conditions across the world.

evaluation for LANXESS MPP exterior weathering studies are ongoing. Dry-Film preservation performance from these studies will help LANXESS MPP select the right product for your finished exterior paint.

In the studies, samples are evaluated for fungal and algal attack, as well as finished paint film properties. Standard

To have your product included in one of LANXESS' studies, contact your LANXESS account manager.

Adhesives	Sealants	Paints & Stains	MWF	Paper	Joint Compounds	Wood Preservation	Plastics	Gypsum
	■	■			■			
■	■	■		■	■			■
	■	■			■			
	■	■						
■	■	■	■	■	■	■		■
■	■	■	■	■	■			
■	■	■	■	■	■	■	■	
■	■	■	■		■	■		■
■	■	■		■			■	■
■	■	■		■				■
							■	
							■	
							■	
							■	
							■	
							■	
■	■					■	■	
							■**	
						■		
	■					■		

**EPS Foam



PRESERVATIVES

PRODUCT SELECTION GUIDE

In-Can and Industrial Process

Active	Product Name	Concentration	Form	VOC-free*
BIT	Preventol® BIT 20D	19%	Aqueous Dispersion	Yes
	Preventol® BIT 20N	19%	Glycolic Solution	No
	Preventol® BM 5 (BIT + MIT)	5%	Aqueous Solution	Yes
CMIT/MIT	Preventol® D7/D7 LT/D7 CF	1.5%	Aqueous Solution	Yes
	Preventol® IT 14 MV Preservative	14%	Aqueous Solution	Yes
	Preventol® IT 14 Preservative	14%	Aqueous Solution	Yes
Bronopol	Preventol® PM 310 (Bronopol + MIT)	20%	Aqueous Solution	Yes
	Preventol® P-100 Preservative	99%	Powder	Yes
	Preventol® P-30	30%	Glycolic Solution	No
	Vericide Bronopol Solution	10%	Glycolic Solution	Yes
	Preventol® P-91/P-91MV (Bronopol + CMIT/MIT)	11%	Aqueous Solution	Yes
	Preventol® DP 1021 (Bronopol + DGH)	31%	Glycolic Solution	No
OPP	Preventol® O Extra Preservative	99%	Flakes	Yes
	Preventol® ON Extra Preservative	67%	Flakes	Yes
	Preventol® ON Extra Preservative Solution	20%	Alkaline Solution	Yes
PCMC	Preventol® CMK Preservative	99%	Flakes	Yes
	Preventol® CMK 40	40%	Solution	No
	Preventol® WB (PCMC + OPP)	42%	Solution	No
DGH	N-2000 Antimicrobial	35%	Glycol Solution	No
	N-2001 Antimicrobial	35%	Alcohol Solution	No
Dazomet	N-521 P	99%	Powder	Yes
	N-521 Dispersion	20%	Aqueous Dispersion	Yes
	N-521 PAC 24	24%	Aqueous Solution	No
DBNPA	Antimicrobial N-20	20%	Glycolic Solution	No
MBT	N-948 WB	10%	Aqueous Dispersion	Yes

As with any product, use of the products mentioned in this publication in a given application must be tested (including field testing, etc.) by the user in advance to determine suitability. All products and applications are not listed. Please contact a LANXESS sales representative for a complete list.

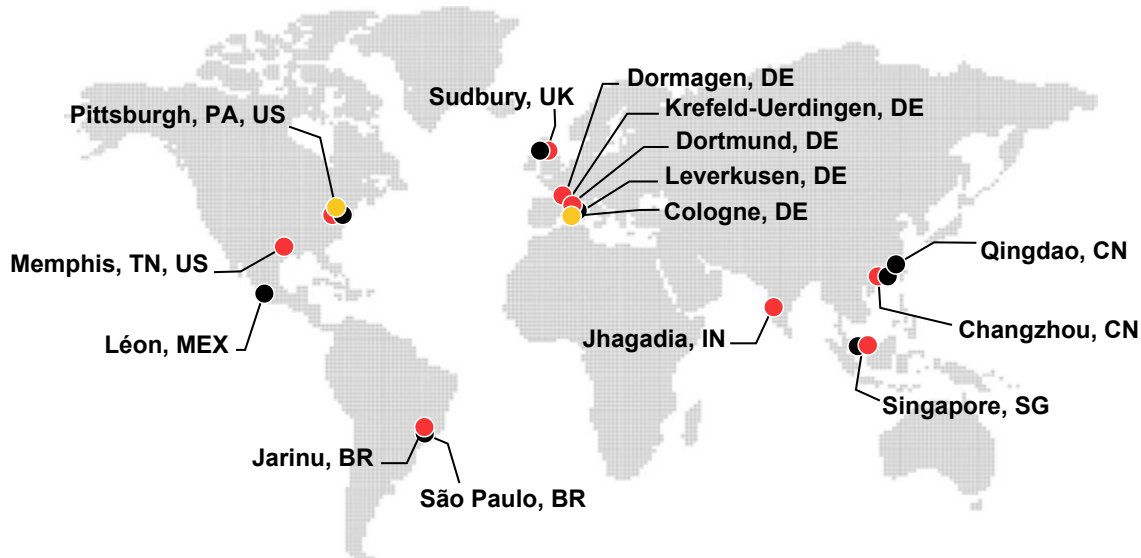
*Based on theoretical VOC content calculations and standards established by the EPA



Adhesives	Building Materials	Paints & Stains	Polymer Emulsions	MWF	Water Treatment	Paper	Concrete Admixtures	Joint Compounds	Wood Preservation	Plastics
■	■	■	■	■		■		■		■
■	■	■	■	■		■		■		■
■		■	■	■			■	■		
■		■	■	■	■	■	■	■	■	■
■		■	■	■	■	■	■	■	■	■
■	■	■		■		■	■	■		
■		■	■	■	■	■				
■		■	■	■	■	■	■			
■	■	■	■	■	■	■	■	■	■	
■		■	■	■	■	■			■**	
■	■	■	■	■		■	■			
■	■	■	■	■		■	■	■	■	■
■	■	■	■	■		■	■			■
■	■		■	■		■	■	■		■
■	■			■		■	■	■		
■		■	■		■	■				
■		■	■		■	■				
■	■				■	■	■			
■	■				■	■	■			
■	■	■	■	■	■	■	■			
■		■	■	■	■	■	■			

**Ground wood

Business Unit Set-Up



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

Health and Safety Information: Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling the LANXESS products mentioned in this publication. For materials mentioned which are not LANXESS products, appropriate industrial hygiene and other safety precautions recommended by their manufacturers should be followed. Before working with any of these products, you must read and become familiar with the available information on their hazards, proper use, and handling. This cannot be overemphasized. Information is available in several forms, e.g., safety data sheets and product labels. Consult your LANXESS Corporation representative or contact the Product Safety and Regulatory Affairs Department at LANXESS.

Regulatory Compliance Information: Some of the end uses of the products described in this publication must comply with applicable regulations, such as the FDA, NSF, USDA, CPSC and BfR. If you have any questions on the regulatory status of these products, contact your LANXESS Corporation representative or Regulatory Affairs Manager at LANXESS.

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by us. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with patents covering any material or its use. No license is implied or in fact granted under the claims of any patent.

Note: The information contained in this publication is current as of May, 2022. Please contact LANXESS to determine if this publication has been revised.

All trademarks are trademarks of the LANXESS Group, unless specified otherwise.

LANXESS
Energizing Chemistry

LANXESS Corporation

Business Unit Material Protection Products

111 RIDC Park West Drive
Pittsburgh, PA 15275-1112 USA
Tel.: +1 412 809 1000
Fax: +1 412 809 1074
E-Mail: MPP-info@LANXESS.com
Website: www.mpp.us.lanxess.com

© LANXESS Corporation 2022