

## BIOPUR

### DATA SHEET

Update date: 02 -12- 2020 ED.01

#### DESCRIPTION

BIOPUR belongs to a new range of paints called "BIOSAFETY SMART PAINT". A range of "smart paints" which, in turn, are also "paints with traditional characteristics". At BIOPUR, the benefits of a traditional lime paint are combined with technological advances in the elimination of formaldehyde. BIOPUR creates a healthy environment thanks to its "lime" composition, in such a way that it prevents bacteria or mold from settling on the surface of the walls. It presents a benefit for the health and habitability of homes, commercial premises, common areas, nursing homes, nurseries, health centers, schools, hospitals, etc.

BIOPUR "BIOSAFETY SMART PAINT" is THE healthy and resistant SOLUTION for painting all interiors. Its A + certificate, by the TECNALIA Research & Innovation Foundation, is the confirmation of the validity of its traditional base.

Being a lime paint, it does not need an anti-mold preservative. Lime is a natural fungicidal / algaecidal preservative. In this way we avoid the use of biocidal preservatives to protect the paint. Prevents mold and bacteria growth and keeps the surface clean. Biopur purifies the air in the rooms where it is applied, which is very beneficial for people and the environment. Biopur is ideal for places where total disinfection is needed, helping to minimize the possibility of disease transmission. In addition to all these health benefits, BIOPUR "BIOSAFETY SMART PAINT" is included within the ultra-resistant paint concept since it has a high resistance to wet rubbing and it is very easy to clean paint stains, keeping the spaces as freshly painted for longer .

BIOPUR "BIOSAFETY SMART PAINT", being a lime paint, is appreciated for creating healthy environments for people, as well as being respectful for the environment. The lime in contact with the air undergoes a process called carbonation during which it absorbs CO<sub>2</sub> from the environment, improving its quality.

BIOPUR is summarized as a "BIOSAFETY SMART PAINT" that cleans the indoor air of harmful gases from the environment such as CO<sub>2</sub> and formaldehyde. BIOPUR contains 0% VOC.

BIOPUR "BIOSAFETY SMART PAINT" traps the formaldehyde inside the paint, preventing its subsequent release, in such a way that the amount of formaldehyde that people breathe is significantly reduced. For this reason, BIOPUR is highly recommended for people affected by MCS (Multiple Chemical Sensitivity), it is bactericidal, hygienic, anti-mold, without the need to add a biocidal preservative. The disinfectant and sterilizing properties of lime derived from its high pH attack the acidity of living organisms, hence its microbicidal and antiparasitic action. These hygienic and sanitary qualities have been decisive for the use of lime products to be maintained to this day and, at present, it is committed to it compared to conventional plastic paints.

## BIOPUR

### DATA SHEET

Update date: 02 -12- 2020 ED.01

#### TECHNICAL DATA

	BIOPUR
<b>Composition:</b>	Additives and resin.
<b>^VOC content máx. allowed (2010):</b>	Category A, Subcategory A: 30g/l
<b>^VOC content máx. product:</b>	Category A, Subcategory A: 0.0 g/l
<b>pH:</b>	> 12
<b>Density:</b>	1.15 - 1.25 g/cm3
<b>*Coverage:</b>	120 gramos/m2 (2 capas) cada capa 60 g/m2
<b>Viscosity:</b>	300 - 500 mPa·s
<b>Color:</b>	White
<b>Pack size:</b>	2.5 L
<b>Dilution:</b>	NO. Ready to use
<b>Tools:</b>	Brushes, roller
<b>Cleaning tools :</b>	water
<b>**Conditions of applications:</b>	between 5°C and 35°C
<b>*** Drying:</b>	At least 8 hours
<b>****Storage:</b>	between 5°C and 35°C

\* The coverage may vary depending on the support and the applicator itself.

\*\* Both ambient temperature and surface temperature.

\*\*\* According to weather conditions.

\*\*\*\* Avoid frost. Keep container tightly closed. The products are stable for at least one year from the date of manufacture, in perfect storage conditions, closed, with the seal intact and between 5 and 35°C.

^Subcategory according to RD 227/2006 and Directive 2004/42/CE

It should be noted that the performance may vary depending on the surface, application conditions and / or applicator. The purchaser / applicator is not exempt from the responsibility of carrying out its own examination of the products supplied, in order to verify its suitability for the intended procedures and purposes.

## BIOPUR

### DATA SHEET

Update date: 02 -12- 2020 ED.01

#### DIRECTIONS FOR USE

**Wall preparation:**

Previously apply BioPrim for an adequate disinfection of the wall.

**Colored**

BIOPUR can be dyed with all the ESSENCES of the 100 SERIES and the 504, 521, 533, 04 and 05 essences.

**Application**

Apply a first coat without diluting. Let dry for 8 hours. Apply a second coat undiluted and let it dry for 8 hours.

**Protector:** It does not need protection. It is a product with high washability and friction resistance.

**Important:** Do not apply or store under 5°C or over 35°C

#### IMPORTANT

Keep out of the reach of children. In case of contact with eyes, rinse thoroughly with water. If discomfort persists consult a physician and teach the label. In case of accidental ingestion consult a physician immediately.

#### DISPOSAL CONSIDERATIONS

Do not empty liquid into drains or pipes. Solid waste may be disposed of as normal waste. Follow the "European Standards for Waste Water Based Paints".

**The current Data Sheet cancels and replaces any previous Data Sheet.**