

Bleichaktivator

8119

Additive for hydrogen peroxide for **bleaching wood**, for use in **industry and trade**

PRODUCT DESCRIPTION

Product numbers

8119000210

General

Our odourless bleach activator 8119 is used in combination with hydrogen peroxide (35 %) in place of ammonia to make bleach solutions for use on wood. The additive activates the bleaching reaction (the release of oxygen from the peroxide).

Special properties and standards

Due to the non-volatility of the bleach activator ensures complete decomposition of the peroxide.

The boiling phenomena which is well known when using ammonia do not occur in the mixing of hydrogen peroxide / bleach activator.

Application area



For bleaching wood species such as maple, pear, beech or cherry.

For adjusting the grain of dark woods such as walnut or elm in diluted form.

Not suitable for bleaching oak (discoloration).

PROCESSING

Processing instructions



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least +10 C.
- Prepare the mixture in plastic or glass containers - do not use metal containers!
- A lower bleaching effect is achieved at reduced concentrations or when using opened containers.
- A sharp wood grinding is a prerequisite for an even bleaching pattern.
- Apply a generous amount of bleaching solution.
- Carry out a test bleaching and test coating on the intended surface.
- Prepared bleaching solution is not storable!
- Any change in the processing sequence, environmental conditions, non-observance of instructions or the use of products not listed may have an unfavourable effect on the result.

Blending ratio



Production of the bleaching solution:

100 parts by weight hydrogen peroxide (H₂O₂) 35 %-ig

25 parts by weight Bleichaktivator (8119)

If a reduced bleaching effect is to be achieved (adjustment of the grain differences), the finished mixture can be diluted with water.

Pot life

The bleach solution is active for approx. 1 hour.



Application technique



	Brushing
Yield per application (m ² /l)	10
Applied quantity per application (g/m ²)	60 - 70

Please do not use metal-bound brushes.

Drying times

(at 23 °C and 50 % rel. humidity)



Sandable and recoatable	24 hour(s)
Recoatable (with stain)	48 hour(s)

If work continues too early, residues of the peroxide can lead to film defects, blistering or discoloration.

The figures given above are reference values. The drying time depends on the type of substrate, coat thickness, temperature, air exchange and relative atmospheric humidity.

Lower temperatures and/or high level of atmospheric humidity can increase the drying time.

Cleaning the working equipment

With water immediately after use.



SUBSTRATE

Type of substrate

Fine pored and coarsely porous hardwoods

Substrate property

The substrate must be dry, clean, capable of holding the paint, free from separating substances such as grease, wax, silicone, resin etc. and free from wood dust, as well as tested for suitability for coating.

Substrate preparation

Wood sanding Grit size 150 – 180

COATING SYSTEM

Product application

1 x Bleach solution

Intermediate sanding



After bleaching: Smooth sanding Grit size 180 - 220

Remove sanding dust.

Subsequent coating

Only peroxide-resistant coating systems such as Aduro Legnopur (2513), Aduro Tiropur (2548), Bluefin Resist (2963) or Bluefin Unistar (2965) may be used for coating. Furthermore, it is advisable to use varnishes on bright,

bleached surfaces which are equipped with a light protection agent (see above mentioned coating systems) in order to avoid yellowing of the wood.

Please refer to the corresponding technical data sheets of the products.

ORDERING INFORMATION

Size of trading unit

1 l - poly-bottle

FURTHER DETAILS

Durability / storage



Min. 1 year(s) in the original sealed containers.

Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).

Safety information



The product is only suitable for the industrial and professional use.

During work, wear fastened-up working clothes, protective gloves made of butyl rubber and safety goggles with side protection! If the product comes into contact with your eyes, rinse immediately with water and consult a doctor! Remove dirty, soaked clothing immediately! If the product comes into contact with your skin, wash off immediately with plenty of soap and water!

Do not empty activated bleaching solution back into the storage container (danger of explosion)!

Do not close the preparation vessels (gas generation)!

Further information on the subject of safety during transport, storage and handling as well as disposal can be found in the relevant safety data sheet. The current version can be accessed on the Internet at www.adler-lacke.com.