

## Sigma Protective agent for front surfaces of wooden elements HS 10 9304

1/2

August 2002

### I. Material description:

Type:	Alkyd resin-based protective agent with a diluent.
Application:	A protective agent for front surfaces of wood, the cut surfaces of glass strips, window bars, roller guide rails, etc.
Important features:	<ul style="list-style-type: none"><li>- Deep penetration of wood</li><li>- Closes capillary spots</li><li>- Prevents water infiltration thanks to creating a proper coat</li><li>- Enables water vapour permeation</li></ul>
Colour:	transparent
Packaging unit:	5 litres

### II. Technical data

Binder:	Alkyd resin
Density:	0.93 g/cm <sup>3</sup> (± 0.02) at temp. 20°C
Solid particles content:	20 % v/v (± 2.5)
Diluting:	Apply undiluted
Washing tools:	SIGMA 21-06 diluent
Flash point (according to ISO 1523):	22°C
Storage:	In a tightly closed, original container, in a cool and dry place, protected from frost – at least 12 months.

### III. Application guidelines:

Drying time (at temp. 23°C and 50% of relative air humidity):	Further treatment after ca 90 minutes
Application:	Apply the agent with a short hair brush before or after the prime coat has been applied. Apply only on the front face of wood; avoid edges so as to prevent stains on visible surfaces. If the agent is applied before the prime coat has been applied, visible surfaces should be protected;



otherwise the pigments of subsequent layers will not be spread evenly which may lead to stain creation.

Temperature of application: Do not apply when the temperature drops below 15°C (temperature of the base and surroundings). Lower temperatures may bring about a prolongation of the drying time. Maximum air humidity – 75%.

Base features: The base must be clean and dry.

#### **IV. Layer structure:**

NA

#### **V. Other information:**

The product contains xylene. Flammable. Do not inhale, keep out of reach of children. Hazardous when inhaled, when in contact with skin and when ingested. Irritant to skin and eyes. Use only in well ventilated rooms; otherwise use respiratory protection. Do not flush down the drain.

Any data and guidelines concerning the safety requirements and waste removal should be taken from the relevant European Union safety datasheets. Any differences in the use of material may result from different base absorbability values and the method of material application.

The data contained in this instruction are consistent with the latest developments in technology. No legal claims may be raised due to a variety of methods of application of material layers and the areas of use. This publication invalidates any data which refer to this product and which are contained in the previous technical instructions.