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## PRODUCT DATA SHEET

**PRODUCT:** **SOFT TOUCH HA**  
**Two-component clear topcoat with soft-touch effect**

**CODE:** **COMP. A 3970002 SOFT TOUCH HA**  
**COMP. B 9100022 - CAT. SOFT TOUCH HA 22**

**PRODUCT DESCRIPTION:**

Two-component matt polyurethane enamel, solvent based. The dried film, very elastic and tough, has a soft and velvety "soft touch" effect. Used as a final coat on a variety of surfaces is used in many fields: objects, handles, faucets, furniture, car interior finishes and anywhere you want to obtain the typical velvet appearance. The soft touch paint Mondial Color is characterized by excellent stability, maintaining its appearance unchanged over time without degrading in the typical stickiness and consequent dirt pick up. It is recommended, to have a good soft effect, the achievement of a minimum thickness of about 50 microns dry, obtained in several layers. The drying process is performed at minimum 60°C for 90 minutes, or at a temperature of 80°C for minimum 20 minutes, in each case after at least 30 minutes of drying at room temperature.

**SURFACE PREPARATION:**

Recommend to primer with EPORUST and ISOPRIMER series products. On different surface the application must be evaluated case-by-case. The product must be applied strictly on dry surfaces, clean, perfectly free of oil, grease, dust, moisture or other contaminants.

**APPLICATION METHODS:**

Spray.

**APPLICATION INSTRUCTIONS:**

	CONVENTIONAL SPRAY LOW PRESSURE PUMP	AIRLESS AIRMIX	
Nozzle diameter (mm)	<b>1,2÷1,5</b>	Pressure ratio	-:-
Product pressure (Atm)	<b>0,7÷1,4</b>	Nozzle diameter (inch)	-÷-
Air pressure	<b>2,5÷3,5</b>	Product pressure (Atm)	-÷-



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## TECHNICAL DATA:

	<b>Evaporation of the solvent and chemical reaction</b>
Mechanism of hardening	
Specific weight (kg / l) *	<b>0,987 (±8%)</b>
Volume solids (%) *	<b>33,5 (±1%)</b>
Medium dry film thickness (microns)	<b>50</b>
Correspondence wet film thickness (microns)	<b>150</b>
Yield to the average or recommended thickness (m <sup>2</sup> / kg) *	<b>6,7</b>
Consumption at the average or recommended thickness (Kg / m <sup>2</sup> ) *	<b>0,149</b>
Passivation time at 25 ° C (min)	<b>30</b>
Recoat time min. recommended 25 ° C (min)	<b>30</b>
Hard dry at 60 ° C (minutes)	<b>90</b>
Hard dry at 80 ° C (minutes)	<b>20</b>
Recommended application temperature (° C)	<b>+5 ~ +35</b>
Maximum operating temperature (° C)	<b>100</b>
Pot life at 25 ° (hours)	<b>4</b>
Mixing ratio by weight	<b>20%</b>
Dilution (% weight)	<b>20-40%</b>
Thinner	<b>6060020 6060010</b>
Aspect of the film	<b>matt</b>
Color	<b>Clear</b>
Storage in suitable conditions (months)	<b>12</b>

N.B.

\* Data referred to colour clear. The solid content values, specific weight and yield were calculated with theoretical method. Thickness and performance are only indicative, in fact vary greatly depending condition of substrate, dilution, absorption, porosity, surface irregularities and application method. Data referred to the mixture of component A + 20% by weight of Comp.B



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#### ADDITIONAL INFORMATION:

This is a two-component product. Before mixing the two components it is recommended to homogenize the component possibly with agitator and shake vigorously, possibly without opening, the packaging of component b. After mixing and addition of appropriate thinner, agitation should be continued until it became homogeneous. In order to use the correct mix ratio, necessary to obtain the best results, we recommend to catalyse only entire packs. In case you want to use only a portion of the pack, you should equip with adequate precision scale for catalysis by weight and appropriate sized containers for catalysis by volume. The pot life (time of use after catalysis) is significantly reduced by increase of temperature. The ideal temperature for application is between 5° C and 40° C. The temperature of the surface to be treated must be at least 3° C higher than dew point. If this condition is not met the resulting condensation, not always visible, may easily lead to phenomena of non-adherence. The coating requires a period of 7-8 days at 25° C for complete curing. We suggest to deposit a minimum of 50 µm. The higher the thickness, the greater the "soft touch" effect. The product is oven cure, minimum 60°C for an hour and a half after drying at room temperature for about 30 minutes. You can reduce time drying it in oven at a maximum temperature of 80°C. Curing at low temperature is not recommended because the curing process might be too slow.

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#### IMPORTANT NOTE

All information contained in this form are the result of laboratory tests carried out under controlled conditions and well-defined and / or correspond to our most advanced and current technical and practical knowledge. this does not exempt the customer, given the variability of environmental conditions and personal systems of application, from carrying out their own investigations and to make their own eligibility checks. Mondial Color assumes no responsibility for any damage caused by improper use of the product. This sheet supersedes the previous editions.

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