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PRODUCT DATA SHEET

PRODUCT: **NEOMETAL**
Ornamental metallic topcoat

CODE: **COMP. A C46955 NEOMETAL**
COMP. B CC695E - NEOMETAL HARDENER

PRODUCT DESCRIPTION: Decorative coating applicable on plastic and metal, which mimics, depending on the pigmentation, gold, brass, aluminum or copper, extremely simple to apply and with exceptional aesthetics.
Can be coated with a transparent finish to maintain the metallic appearance over time, or it could also be used without final protective to cause the natural oxidation typical of metal, obtaining pieces that are always unique.

SURFACE PREPARATION: The product must be applied strictly on dry surfaces, clean, perfectly free of oil, grease, dust, moisture or other contaminants.

APPLICATION METHODS: Preferred application is spray.

APPLICATION INSTRUCTIONS:	CONVENTIONAL SPRAY LOW PRESSURE PUMP		AIRLESS AIRMIX	
	Nozzle diameter (mm)	1,4÷1,8	Pressure ratio	15:1
Product pressure (Atm)	1÷1,7	Nozzle diameter (inch)	0,013÷0,017	
Air pressure	2,5÷4,0	Product pressure (Atm)	60÷150	



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TECHNICAL DATA:

	Evaporation of the solvent and chemical reaction
Mechanism of hardening	
Specific weight (kg / l) *	1,07 (±8%)
Volume solids (%) *	45 (±1%)
Medium dry film thickness (microns)	20 ± 5
Correspondence wet film thickness (microns)	44
Yield to the average or recommended thickness (m ² / kg) *	21
Consumption at the average or recommended thickness (Kg / m ²) *	0,05
Passivation time at 25 ° C (min)	10 ± 5
Hard dry at 80 ° C (minutes)	30 ± 5
Hard dry at 25 ° C (days)	7
Recommended application temperature (° C)	+10 ~ +40
Maximum operating temperature (° C)	150
Pot life at 25 ° (hours)	8
Mixing ratio by weight	100%
Thinner	CD840I
Dilution (% weight)	35% ± 5
Aspect of the film	glossy
Color	Clear
Storage in suitable conditions (months)	12

N.B.

* Data referred to colour gold. 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 hardened product.



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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 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 7-15 days at 25° C for complete curing.

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.
