

DATA SHEET

22291407 'ESMALTE 5899 CUERO BLANCO S/Pb ATO

24/10/2025 v1.4

1. PRODUCT IDENTIFICATION

Description	WHITE LEATHER GLAZE .It belongs to the leather effect glazes formulated without lead in its compositions. Compound of Frit CAS: 65997-18-4.
Application	They can be applied on white and also on red clay bodies, with better results achieved on the latter. They can be used for glazing in double-firing as well as also single-firing, with the addition of Monocol V. The recommended firing temperature is 980°C. (in a temperature range of 930° to 1020°C).

2. CHEMICAL COMPOSITION

Metal oxides with concentrations less than 0.05% have not been determined.

Li ₂ O	ZnO	10-20	Cr ₂ O ₃	CaF ₂	LOI	1-5
Na ₂ O	5-10	MnO	B ₂ O ₃	10-20		
K ₂ O	1-5	CdO	V ₂ O ₅	P ₂ O ₅	0-0.5	
MgO	0-0.5	CoO	MnO ₂	BeO		
CaO	1-5	NiO	SiO ₂	20-40		
SrO	0-0.5	Al ₂ O ₃	1-5	TiO ₂	1-5	
BaO		Fe ₂ O ₃	0-0.5	ZrO ₂	10-20	
PbO		Sb ₂ O ₃		SnO ₂		
				Pr ₂ O ₃		

3 PHYSICAL-CHEMICAL PROPERTIES

Aspect	White powder
Color(fired)	White Leather.

4. COLORIMETRY

* By Minolta ChromaControl (S)

L:	a:	b:
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5. DILATOMETRY				* Data obtained with dilatometer BÄHR mod. DIL 801 L			10 ⁻⁷ C ⁻¹
(25-300)C°	(50-300)C°	(300-500)C°	(500-600)C°	T ^a Transformation	T ^a Softening	Melting point	
68.0	68.0	81.0		530 C°	590 C°	>800 C°	

6. GRANULOMETRIC DISTRIBUTION (WET WAY)

* Data obtained by Malvern Instruments (Master Sizer 2000)

>10µ	>25µ	>40µ	>70µ	>120µ	D50µ
45.0	18.0	7.5	1.5	0.0	10.0

7. RECOMMENDATIONS ON GLAZED OBJECTS INTENDED FOR CULINARY USE

Formulated without lead and cadmium.

Notes: n.a (not applicable), n.d (no information available), p.n (negative tests)



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