

# DATA SHEET

20781504 ESMALTE GRES O-10562/N VERDE POLVO

08/01/2026 v1.1

## 1. PRODUCT IDENTIFICATION

Description Green Glaze suitable for use on white and red rody, pottery and colored body. Compound of frit: CAS N°. 65997-18-4.

Application It can be applied :dipping, spraying, any mechanical method of application.It can be coloured with our Pigments "P" Series, keeping in mind it contains Zr and Zn. It is recommended to make previous test for colouring with natural oxides and firing cycles over 1080 °C. "CD Series" of On-glaze colours can be used for decoration. The recommended temperature varies from 980°C-1080°C.

## 2. CHEMICAL COMPOSITION

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

Li <sub>2</sub> O	ZnO	10-20	Cr <sub>2</sub> O <sub>3</sub>	CaF <sub>2</sub>	HfO <sub>2</sub>	0-0.5	
Na <sub>2</sub> O	1-5	MnO	B <sub>2</sub> O <sub>3</sub>	5-10	Bi <sub>2</sub> O <sub>3</sub>	MEDIUM	
K <sub>2</sub> O	1-5	CdO	V <sub>2</sub> O <sub>5</sub>	P <sub>2</sub> O <sub>5</sub>	LOI	1-5	
MgO	0-0.5	CoO	MnO <sub>2</sub>	BeO			
CaO	5-10	NiO	SiO <sub>2</sub>	40-80	CeO <sub>2</sub>		
SrO	1-5	Al <sub>2</sub> O <sub>3</sub>	5-10	TiO <sub>2</sub>	0-0.5	CuO	0.5-1
BaO	1-5	Fe <sub>2</sub> O <sub>3</sub>	0-0.5	ZrO <sub>2</sub>	5-10	Pr <sub>2</sub> O <sub>3</sub>	
PbO		Sb <sub>2</sub> O <sub>3</sub>		SnO <sub>2</sub>			

## 3 PHYSICAL-CHEMICAL PROPERTIES

Aspect Yellow powder  
Color(fired) Green

## 4. COLORIMETRY

\* By Minolta ChromaControl (S)

L: 67.9 a: -10.2 b: 13.4

## 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 <sup>a</sup> Transformation	T <sup>a</sup> Softening	Melting point
61.5	62.2	72.5	160	525 C°	864 C°	>980 C°

## 6. GRANULOMETRIC DISTRIBUTION (WET WAY)

\* Data obtained by Malvern Instruments (Master Sizer 2000)

>10µ	>25µ	>40µ	>70µ	>120µ	D50µ
58.9	27.6	12.6	2.3	0.0	13.3

## 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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