

TECHNICAL DATA SHEET No.092



# Metallkonservierung

colourless - silk-glossy

## I. Product

einZA Metallkonservierung is a quick-drying, weatherproof, colourless finish coat lacquer which is resistant to yellowing and especially suitable for non-ferrous metals, for example copper, brass, zinc, aluminium, chrome, nickel etc. for outside and inside application. The protective coat with einZA Metallkonservierung shows excellent adhesion and is permanently elastic.

Type of material	physically drying polymer resin lacquer for outside and inside application
Application purpose	protects metallic bright surfaces against oxidation and other damaging environmental influences
Colour shade	colourless
Degree of gloss	silk-glossy
Specific weight	0.900 = 900 g/cm <sup>3</sup>
Binder basis	special alkyd resin combination
Temperature resistance	up to 80 °C
Package sizes	2.5 l - 750 ml

## II. Properties and working instructions

Light fastness / Weather resistance / Chemical resistance	very good
Adhesion / Extension / Elasticity	fulfils the requirements of the DIN and VOB conditions
Compatibility	do not mix with other lacquers
Dilution	einZA Universal-Nitroverdünnung
Brushing and rolling	undiluted
Spraying	with high- or low-pressure-method: nozzle size 1.2 - 1.5 mm
Airless spraying	suitable for piston and diaphragm pistols
Spreading rate	10 - 12 m <sup>2</sup> /l = 80 - 100 ml/m <sup>2</sup> per layer

Drying times (20 °C, 65-75% relative air humidity, 80 µm wet film)  
dust-free after approx. 15 minutes  
touch proof after approx. 30 minutes

### Processing

Recoatable	after approx. 2 hours
Resprayable	after approx. 1 - 2 hours
Cleaning of tools	einZA Universal-Nitroverdünnung

P.T.O. !

### III. Coating and/or applying technique

einZA Metall-Konservierung is used for the protection of metallic bright surfaces, especially non-ferrous metals.

The surfaces to be coated have to be free of grease, clean, dry and metallic bright.

Thoroughly sand down oxidation products resp. remove with a silicone-free cleaning paste.

Pre-treat zinc surfaces according to BFS specification sheet no. 5 "Anstrich auf Zink und verzinktem Stahl".

Clean and degrease with diluted liquid ammonia by adding a little amount of surfactant, for example Pril or similar, or with phosphoric acidic cleaning agents. Carefully rinse with water afterwards.

Depending on the stress apply 2 - 3 layers of undiluted einZA Metallkonservierung on the surfaces to be treated.

The second coat has to be applied saturated and efficient.

#### Notice:

Due to its thermoplasticity einZA Metallkonservierung is not suitable for surfaces mechanically heavily stressed, like for example handrails or banisters. For this we recommend einZA Lawidur 2-K-PU-Klarlack.

### IV. Safety advice and labeling

Flash point	over 21 °C
Hazardous class to VbF	A II

The product is subject to the Ordinance on Hazardous Substance.

All necessary indications are contained in the REACH Safety Data Sheet regarding (EC) Regulation no. 1907/2006. From 1<sup>st</sup> June 2015 onwards in the Safety Data Sheet regarding CLP regulation (GHS) according to the regulation (EC) no. 1272/2008. Available at [www.einza.com](http://www.einza.com) at any time or to be requested using [sdb@einza.com](mailto:sdb@einza.com). Labelings on the packaging have to be considered!

#### VOC-content regarding enclosure II of the VOC guideline 2004/42/EG

VOC limit value enclosure II A (sub-category i)

Lb: max. 500 g/l reg. level I (2010)

VOC-content of einZA Metallkonservierung: < 500 g/l

The previous information has been conscientiously compiled according to the present state of knowledge of test technology and should serve as a guideline. Due to the multitude of uses and working methods, it is non-binding, does not establish any contractual legal relationship and does not release the consumer from his own responsibility of checking our products himself. Otherwise, our conditions of delivery and payment apply.

**Issued 10/2016;** with this, all previous specification sheets are invalid.