



Electronic Technical Data Sheet BALVER ZINN BALVER MASK

BALVER ZINN®

General Information

BALVER ZINN SOLDER MASK is a temporary, peelable solder mask comprised of a thixotropic, synthetic acrylic latex designed to withstand fluxing, wave soldering and cleaning operations. Unlike natural latex mask, it contains no offensive ammonia and hence is non-corrosive to copper, gold, silver or pre-soldered surfaces. In addition, stability problems are averted. When applied, the product is opaque pink, and when cured, it becomes completely translucent red. Cured mask can be for masking conformal coatings. May be used in applications such as robotic pneumatic and hand. Approved by long term temperature tests at 330°C. **BALVER ZINN SOLDER MASK** is also applicable for the lead-free process.

Technical information and further Technical Data Sheets can be found on our website (www.BALVERZINN.com). And of course, you can also obtain all information and documents directly from **BALVER ZINN**.

BALVER ZINN Production Programme

The **BALVER ZINN** production programme also includes solder bar, solder pastes and flux. In addition to the **SN100C** product family, **BALVER ZINN** offers other unpatented and patented solder alloys for wave soldering, reflow and rework.

Product Properties

- Peelable mask
- Synthetic latex
- Non ammoniated
- Quick drying

Physical Properties

Application	Cure Type	Cure Time	Removal	Viscosity	Suggested Thickness	Thinner
Template Hand Pneumatic Robotic	Thermal	1 hr. Ambient 30 min @65°C 20 min. @82°C	Peel off. Dried mask is not soluble in liquids.	28,000 – 30,000 cps	20 – 30 mils	D.I. Water

Chemical Components

Deionized Water	(7732-18-5)	50 – 60%
Hydroxylated lecithin	(8029-76-3)	<2%
5-chloro-2-methyl-4-isothiazolin-3-one	(26172-55-4)	<1%
Alkyl benzyl Phthalate	(68515-40-2)	
Alkoxyated Alkyl Phenol	Proprietary	
Nonylphenol Ethoxylate	(127087-87-0)	<3%
Magnesium Nitrate	(10377-60-3)	<1%

Delivery Size

Bottle 237 ml; Gallons
24 cans per carton

Storage Conditions / Durability

Dry at room temperature / minimum 2 years shelf life.

Safety Advice

Before use please refer to the Safety Data Sheet.

Although the information in this data sheet is considered accurate, the measured values do not represent assured properties or delivery specifications. Because of the wide range of potential materials and applications, and with respect to possible protective rights and third parties, Balver Zinn Josef Jost GmbH & Co. KG **cannot** accept any liability.

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