

BONDERITE M-AD 91

Known as Toner 91
November 2016

PRODUCT DESCRIPTION

BONDERITE M-AD 91 provides the following product characteristics:

Technology	Metal Pretreatment
Product Type	Additive for zinc phosphating baths
Application	immersion or spray process
Accelerator	HA

BONDERITE M-AD 91 is a liquid additional product, composed of inorganic salt and water.

Application Areas:

BONDERITE M-AD 91 is used to increase the HA-content in zincphosphate baths.

TECHNICAL DATA

Appearance	clear, colourless liquid
Density	~1.1 g/cm ³
pH-value	~2.0

DIRECTIONS FOR USE

Preliminary Statement:

Prior to use it is necessary to read the **Material Safety Data Sheet** for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labeling, the relevant precautions should always be observed. Please also refer to the local safety instructions and contact Henkel for analytical support.

Bath make-up, for 1,000 L:

To increase the HA content by 0.1 g/L add to the 1,000 L bath:

BONDERITE M-AD 91 1.43 kg = 1.28 L

Classification:

Please refer to the corresponding **Material Safety Data Sheets** for details on:

Hazards identification
Transport information
Regulatory information

Storage:

Recommended Storage Temperature	5 to 40°C
Shelf-life, months	36

ADDITIONAL INFORMATION

Disclaimer

Note:

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product. Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

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