

BONDERITE M-AD 316

May 2021

PRODUCT DESCRIPTION

BONDERITE M-AD 316 provides the following product characteristics:

Technology	Metal Pretreatment
Product Type	Additive for zinc phosphating baths
Application	Immersion or spray

BONDERITE M-AD 316 is a liquid product to increase the silicofluoride content in zincphosphating baths.

TECHNICAL DATA

Appearance	colourless solution
Density, g/cm ³	~1.3
pH-Value	Acidic

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.

Application:

BONDERITE M-AD 316 can be used to increase the silicofluoride content in zincphosphating baths.

To increase the silicofluoride content 0.1 g/L add to each 1,000 L of bath volume:

BONDERITE M-AD 316 0.3 kg = 0.23 L

With this addition the Free Acid of a zincphosphating bath increases 0.2 points and Total Acid increases 0.4 points.

Classification:

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

- Hazards identification**
- Transport information**
- Regulatory information**

Storage:

Recommended Storage Temperature, °C	0 to 50
Shelf-life, months (in unopened original packaging)	36

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