

# BONDERITE M-AC 6200

Known as Fixodine 6200 IT  
September 2016

## PRODUCT DESCRIPTION

BONDERITE M-AC 6200 provides the following product characteristics:

<b>Technology</b>	Metal Pretreatment
<b>Product Type</b>	Phosphating products for metals
<b>Application</b>	Activator

BONDERITE M-AC 6200 is a white powder activating product on a titanium phosphate basis employed in the rinsing bath before a dip or spray phosphate treatment. BONDERITE M-AC 6200 is effective in producing a uniform and fine crystalline phosphate coating on iron, steel, aluminium and zinc surfaces.

It does not produce foam and does not attack the metal surfaces.

## 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-AC 6200 is especially formulated to activate the metal surfaces after cleaning treatments in order to avoid defects and not uniform surface finishing in the later phosphate coating processes.

The product facilitates the formation of micro-crystalline compact thin phosphate conversion layer reducing the treatment time.

Moreover the use of BONDERITE M-AC 6200 in phosphate coating processes increases the final corrosion resistance of the material and the corrosion resistance of the consequent paint layer.

### Operating data:

BONDERITE M-AC 6200 can be used in spray or immersion applications at the following operative parameters:

Concentration (g/L)	1 to 3
pH-value	8.5 to 10
Temperature, °C	room (we advise not to exceed 30°C)
Time, sec	10 to 60
Spray pressure, Atm	0.7 to 1.5

### Bath Control:

Perform periodical controls of pH value to maintain the value ranging from 8.5 to 10.

For this analysis use universal indicator papers which must have a limited reading scale including the fixed range.

For more accurate results perform the test with a pHmeter.

### Storage

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

### Classification

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

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

**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.

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