

BONDERITE C-IC PA

Known as N-Plastiwash PA
July 2017

PRODUCT DESCRIPTION

BONDERITE C-IC PA provides the following product characteristics:

Technology	Industrial Cleaner
Product Type	Acid Cleaner
Application	Metal Parts

BONDERITE C-IC PA is an acidic liquid product used for cleaning of plastics before painting them.

BONDERITE C-IC PA has been designed to obtain proper degreasing of plastic surfaces, conditioning them in order to achieve optimum adherence of paint.

The product provides excellent results before water-based or solvent-based painting. The adherence of paint is very closely linked to the pH limit of the degreaser used.

BONDERITE C-IC PA is very effective for removing separating agents based on low-melting-point waxes, metallic soaps, amines, etc. In case of using separating agents based on high-melting-point waxes or silicone, washing is recommended in two stages; first, the alkaline stage with the BONDERITE C-AK series and secondly, using the BONDERITE C-IC PA to conclude the first stage and condition the surface.

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.

Operating Parameters:

BONDERITE C-IC PA can be used by immersion, but typical application is by spray:

Concentration	1 to 3%
pH	3.5 to 5.5

(Depending on the type of water used)

Temperature	45 to 60°C
Pressure	1 to 1.7 kg/cm ²

Afterwards, rinse using industrial water. The final rinse is done with the deionized water before drying the parts.

Bath Control:

- Take a 10 mL bath sample, and add approx. 10 mL of water.
- Add 3 to 5 drops of phenolphthalein and titrate with 0.1 N sodium hydroxide, until the pink colour appears.

$V \text{ mL of } 0.1 \text{ N sodium hydroxide} \times 3.9 = \text{g/L BONDERITE C-IC PA}$

Equipment:

BONDERITE C-IC PA may be used in carbon steel installations. Stainless steel is recommended for spraying nozzles.

Caution:

BONDERITE C-IC PA is an acidic product.

Avoid contact with the skin and eyes.

The use of safety goggles and protective gloves is recommended. In case of direct contact, wash thoroughly with water.

Storage:

Recommended Storage Temperature, °C	5 to 40
Shelf-life, months (in unopened original packaging)	30

Store separately from alkaline products.

Classification:

Please refer to the corresponding **Material Safety Data**

Sheets for details on:

Hazards identification
Transport information
Regulatory information

ADDITIONAL INFORMATION**Disclaimer****Note:**

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