

## BONDERITE S-PD 10110

Known as P3-croni  
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### PRODUCT DESCRIPTION

BONDERITE S-PD 10110 provides the following product characteristics:

<b>Technology</b>	Paint Coagulation
<b>Product Type</b>	Coagulant
<b>Application</b>	Alkaline coagulant

The benefits of BONDERITE S-PD 10110 are a clean and operative plant, reduced cleaning and maintenance operations and an extended life-time of circulating water.

### Application Areas:

Cleaning of metals in spray application.  
Neutralisation after acidic treatments.  
Passivation of steel.  
Paint coagulation of 1 k-solvent based paints. Added to the circulation water it will hinder spoiling of the plant.

### TECHNICAL DATA

Appearance	white powder
Composition	alkalicarbonates phosphates
Density, g/L	~740

### 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.

#### Metal Cleaning:

#### Bath Make-up:

Adding slowly the powder to water (40 to 50 °C) under stirring.

Security rules for persons should be followed.

The bath is ready for use when the powder is dissolved completely.

#### Bath Control:

Drying without rinsing. The thin layer of BONDERITE S-PD 10110 hinders corrosion. For further surface treatment the layer must be removed with water.

#### Operating Data:

Temperature °C	60 to 80
Dosing, g/L	5 to 10
Treatment time, min.	1 to 10

#### Paint Coagulation:

#### Operating Data:

pH-value (10 g/L DE-water)	~11.3
Plants materials	Steel (DIN 1700-2)
Foam behaviour	Paint components could lead to disturbing foam which could be destroyed with defoamers.

#### Dosing:

1 to 10 g/L as initial concentration, daily 10 % of initial concentration.

#### Titration:

13.1 g/L \* mL using 5mL of bath with 0.5 mol/L HCl.

Indicator: Phenolphthalein

#### Classification:

Please refer to the corresponding **Material Safety Data Sheets** for details on:  
**Hazards identification**  
**Transport information**  
**Regulatory information**

#### Storage:

Recommended Storage Temperature, °C	-15 to 40
Shelf life, months (in unopened original packaging)	36

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Reference 0.1