

BONDERITE S-PD 951Known as P3-Cronifloc 951
December 2017**PRODUCT DESCRIPTION**

BONDERITE S-PD 951 provides the following product characteristics:

| | |
|---------------------|---------------------|
| Technology | Paint Coagulation |
| Product Type | Flocculant |
| Application | Cationic flocculant |

The benefits of BONDERITE S-PD 951 are a good separation of solids from the circulating water and a high solid content in the discharged paint sludge.

Application:

Depending on the equipment and the coagulation process to be used as:

- a) flotation support
- b) dewatering agent (e.g. decanter)

a) Flotation support:

As floccing agent which supports flotation. Suitable for water-borne and solvent-based paints. Working in conventionally coagulation equipment (flotation with surface scrubber).

Dosing:

min. 1 ppm (1 g/m³)
The exact quantities have to be determined in practice.

b) Dewatering agent:

For dewatering the paint sludge with e.g. a decanter. Suitable for water-borne and solvent-based paints.

Dosing:

50 - 300 ppm
The exact quantities depend strongly on the set up of the decanter and have to be determined in practice.

TECHNICAL DATA

| | |
|-----------------------------------|-----------------|
| Appearance | white emulsion |
| Density (20°C), g/cm ³ | ~1.02 |
| Composition: | organic polymer |
| Frost Resistance, °C | >5 |
| Foam behavior | not foaming |
| pH-value (5 g/L tap-water) | 3 to 7 |

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.

Dosing:

The product should be dosed continuously as 0.1 to 0.3 % parent solution by suitable pumps.

Solutions of BONDERITE S-PD 951 can be prepared by slowly adding the required weight of product into a make-up-tank which contains the required quantity of water.

The tank should be provided with good agitation (max. 700 r.p.m) to ensure complete and homogeneous mixing of the product.

Waste Water Treatment:

No neutralisation required.

Classification:

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

Hazards identification
Transport information
Regulatory information

Storage:

| | |
|---|------------------|
| Recommended Storage Temperature | room temperature |
| Shelf life, months (in unopened original packaging) | 6 |
| Frost-Sensitive | yes |

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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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Reference 0.1