

## in Alkyd emulsion

Water based coatings

Sudarshan formulation No. 996-07

Rev. Number: 01.01

04/21

| Function                     | Product                 | Producer     | PBW   |
|------------------------------|-------------------------|--------------|-------|
| Alkyd emulsion               | RESYDROL® AZ 509w/45WA  | Allnex       | 58.60 |
| Neutralizing agent           | Ammonia, 10%            |              | 1.00  |
|                              | Demi. water             |              | 13.45 |
| Wetting and dispersing agent | Borchi® Gen 1253        | Borchers     | 0.60  |
| Defoamer                     | Borchers® AF 1171       | Borchers     | 0.30  |
| Premix.                      |                         |              |       |
| Anticorrosive pigment        | HEUCOPHOS® ZAM-PLUS     | Sudarshan    | 5.20  |
| Corrosion inhibitor          | HEUCORIN® RZ            | Sudarshan    | 0.60  |
| Magnesium silicate           | FINNTALC M05N           | Elementis    | 7.70  |
| Calcium carbonate            | DURCAL 2                | Omya         | 5.00  |
| Iron oxide red pigment       | BAYFERROX® 130 M        | LANXESS      | 6.10  |
| Grind with a bead mill.      |                         |              |       |
| Rheology modifier            | Borchi® Gel 0626        | Borchers     | 1.00  |
| Drier                        | Borchi® OXY - Coat 1101 | Borchers     | 0.15  |
| Neutralizing agent           | AMP-90™                 | ANGUS Chemie | 0.30  |
| Add while stirring.          |                         |              |       |

100.00

Adjust pH 8.5 - 9.3 with ammonia.

## Specifications

|                                                  |      |
|--------------------------------------------------|------|
| Vol.-% Anticorrosive pigment reg. pigment/filler | 22.0 |
| PVC in %                                         | 25.3 |
| PVC / CPVC                                       | 0.5  |
| Solids in %                                      | 51.0 |

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