

## in Alkyd emulsion

Water based coatings

Sudarshan formulation No. 777-11

Rev. Number: 01.01

06/15

| Function                | Product                            | Producer | PBW   |
|-------------------------|------------------------------------|----------|-------|
| Alkyd emulsion          | RESYDROL® AZ 436w/45WA             | Allnex   | 59.10 |
| Neutralizing agent      | Ammonia, 10%                       |          | 0.80  |
| Drier                   | ADDITOL® VXW 4940, 50% demi. water | Allnex   | 1.30  |
| Antiskinning agent      | ADDITOL® XL 297                    | Allnex   | 0.30  |
| Substrate wetting agent | SURFYNOL® SE-F                     | Evonik   | 0.30  |
| Defoamer                | ADDITOL® VXW 4973                  | Allnex   | 0.30  |
|                         | Demi. water                        |          | 12.90 |

## Premix.

|                        |                     |           |      |
|------------------------|---------------------|-----------|------|
| Anticorrosive pigment  | HEUCOPHOS® ZCP-PLUS | Sudarshan | 5.00 |
| Corrosion inhibitor    | HEUCORIN® RZ        | Sudarshan | 0.55 |
| Magnesium silicate     | FINNTALC M05N       | Elementis | 7.00 |
| Calcium carbonate      | DURCAL 2            | Omya      | 4.65 |
| Iron oxide red pigment | BAYFERROX® 130 M    | LANXESS   | 6.60 |

## Grind with a bead mill.

|                    |               |              |      |
|--------------------|---------------|--------------|------|
| Rheology modifier  | RHEOLATE® 255 | Elementis    | 1.05 |
| Neutralizing agent | AMP-90™       | ANGUS Chemie | 0.15 |

## Add to the grind.

100.00

Adjust pH 9.0 - 9.5 with AMP-90.

## Specifications

|                                                  |      |
|--------------------------------------------------|------|
| Vol.-% Anticorrosive pigment reg. pigment/filler | 22.0 |
| PVC in %                                         | 22.9 |
| PVC / CPVC                                       | 0.5  |
| Solids in %                                      | 50.4 |

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