

## Polymethylmethacrylate (PMMA)

Other solvent based coatings

Sudarshan formulation No. 547-06

Rev. Number: 01.01

01/10

| Function                       | Product           | Producer            | PBW   |
|--------------------------------|-------------------|---------------------|-------|
| Polymethylmethacrylate (PMMA)  | DEGALAN® PM 559   | Röhm                | 14.00 |
| Solvent                        | Solvesso™ 100     | ExxonMobil          | 17.10 |
| <b>Solve and premix.</b>       |                   |                     |       |
| Wetting and dispersing agent   | TEGO® Dispers 655 | Evonik              | 0.35  |
| <b>Add while stirring.</b>     |                   |                     |       |
| Anticorrosive pigment          | HEUCOPHOS® ZPA    | Sudarshan           | 10.50 |
| Calcium carbonate              | Omyacarb® 6       | Omya                | 8.25  |
| Titanium dioxide               | KRONOS® 2160      | KRONOS              | 8.50  |
| Magnesium silicate             | FINNTALC M15      | Elementis           | 5.30  |
| Barium sulfate                 | EWO               | Sachtleben Minerals | 10.90 |
| Calcium carbonate              | SOCAL® U1S2       | SOLVAY              | 1.30  |
| Solvent                        | Solvesso™ 100     | ExxonMobil          | 5.15  |
| Rheology modifier              | BENTONE® SD-2     | Elementis           | 0.20  |
| <b>Grind with a bead mill.</b> |                   |                     |       |
| Polymethylmethacrylate (PMMA)  | DEGALAN® PM 559   | Röhm                | 7.50  |
| Solvent                        | Solvesso™ 100     |                     | 9.20  |
| <b>Solve, premix and add.</b>  |                   |                     |       |
| Solvent                        | Solvesso™ 100     | ExxonMobil          | 1.75  |
| <b>Add while stirring.</b>     |                   |                     |       |

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100.00
**Specifications**

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|--|------|
| Vol.-% Anticorrosive pigment reg. pigment/filler | 25.0 |
| PVC in %   | 41.2 |
| CPVC in %  | 58.8 |
| PVC / CPVC                                       | 0.7  |

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