

Heubach formulation No. 618-02

03/11

| FUNCTION                       | PRODUCT                    | PRODUCER       | PBW          |
|--------------------------------|----------------------------|----------------|--------------|
| <b>Component A</b>             |                            |                |              |
| Aromatic hydrocarbon           | Xylene                     |                | 8.00         |
| Glycol ether                   | Butyl diglycol acetate     |                | 3.00         |
| Defoamer                       | Byk LP-D 21487             | Byk-Chemie     | 0.70         |
| Corrosion inhibitor            | Nacorr 1351                | Lehmann & Voss | 3.00         |
| Wetting and Dispersing agent   | Disperbyk 2070             | Byk-Chemie     | 4.00         |
| <b>Premix.</b>                 |                            |                |              |
| Polysilazane                   | KiON ML 20                 | Clariant       | 3.00         |
| Solvent                        | Butyl acetate              |                | 8.30         |
| Solvent                        | Solvesso 150 ND            | Exxon          | 8.00         |
| Antisettling agent             | Aerosil R 972              | Evonik         | 0.50         |
| Carbon black                   | FW 285                     | Evonik         | 0.05         |
| Anticorrosive pigment          | HEUCOPHOS® ZAM-PLUS        | Heubach        | 6.00         |
| Magnesium silicate             | Micro-Talc I.T. Extra      | Mondo Minerals | 3.50         |
| Barium sulphate                | Blanc Fixe Super F         | Sachtleben     | 19.95        |
| Titanium dioxide               | Kronos 2310                | Kronos         | 10.00        |
| Methyl methacrylate            | Paraloid B 48 N            | Rohm and Haas  | 2.00         |
| <b>Grind with a bead mill.</b> |                            |                |              |
| Polysilazane                   | KiON ML 20                 | Clariant       | 8.00         |
| <b>Add while mixing.</b>       |                            |                | <b>88.00</b> |
| <b>Component B</b>             |                            |                |              |
| Curing agent                   | Desmodur PL 340, 60% BA/SN | Bayer          | 8.80         |
| Curing agent                   | Desmodur BL 5375           | Bayer          | 2.30         |
| Solvent                        | Solvesso 150 ND            | Exxon          | 0.90         |

Heubach formulation No. 618-02

03/11

| FUNCTION   | PRODUCT | PRODUCER | PBW           |
|--|---------|----------|---------------|
| <b>Mix until uniform solution prior to addition.</b>   |         |          |               |
|  |         |          | <b>12.00</b>  |
| <b>Mix components A and B thoroughly prior to use.</b> |         |          |               |
|  |         |          | <b>100.00</b> |
| <b>SPECIFICATIONS</b>                                  |         |          |               |
| Vol.-% Anticorrosive pigment reg. pigment/filler       |         |          | 15.9          |
| PVC in %   |         |          | 49.0          |
| PVC / CPVC   |         |          | 0.8           |
| Solids in %  |         |          | 61.0          |

\* = Registered trademark of Heubach GmbH. Our product specific and application information are based upon our current knowledge. They are non-binding and cannot be taken as a guarantee. The processing company must establish the suitability of individual products itself. As their use lies beyond our knowledge and control, we cannot accept any liability relating to the use of our products in particular applications. In addition to that, the legal rights of third parties must always be considered. The specification agreed between the customer and ourselves is the basis upon which our general sales and delivery conditions are set and is the deciding factor concerning any liabilities. Our standard specification is then valid if no specification has been agreed upon between the customer and ourselves.