

Nyco Minerals formulation

10/99

| FUNCTION | PRODUCT | PRODUCER | PBW |
|--|-----------------------|---------------------------------|---------------|
| | Water | | 8.65 |
| Thickener | Cellosize QP-4400 | Union Carbide | 0.15 |
| Wetting agent | Tamol 165 | Rohm and Haas | 1.60 |
| Mix. | | | |
| Wetting agent | Igepal CTA-639 | Rhodia | 0.10 |
| Defoamer | Patcote 519 | American Ingredients | 0.10 |
| Add while mixing. | | | |
| Titanium dioxide | Ti-Pure Rutile R-900 | DuPont | 4.00 |
| Pigment | Chromium oxide green | Mineral Pigments, today Laporte | 7.90 |
| Calcium metasilicate | 10 ES Wollastocoat | Nyco Minerals | 10.60 |
| Anticorrosive pigment | HEUCOPHOS® ZPO | Heubach | 13.50 |
| Grind. | | | |
| | Water | | 2.65 |
| Add while mixing. | | | |
| Glycol ether | Butyl Cellosolve | Union Carbide | 2.85 |
| Glycol ether | Dalpad A | Dow | 0.35 |
| Acrylic dispersion | Rhoplex WL-91, 41,5 % | Rohm and Haas | 15.50 |
| Mix until uniform solution prior to addition. | | | |
| Polyurethane dispersion | Neorez R-960, 33% | ICI, today DSM | 32.05 |
| Add while mixing. | | | |
| | | | 100.00 |
| SPECIFICATIONS | | | |
| PVC in % | | | 28.0 |

* = 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.

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