



Yellow Metal Protective Primer  
Based on Maincote PR-71  
Formula TF-207-148

| Material                                                  | Parts by Weight |
|-----------------------------------------------------------|-----------------|
| <b>Grind</b>                                              |                 |
| Water                                                     | 93.0            |
| Orotan 881                                                | 14.0            |
| Tergitol 15 S 40 / Water (1:1)                            | 8.0             |
| Tegofoamex 825                                            | 4.5             |
| AMP 90                                                    | 3.0             |
| Tioxide TR 92                                             | 76.0            |
| Bayferrox 920                                             | 30.0            |
| Mica W 1                                                  | 80.0            |
| Albaryt                                                   | 130.0           |
| HALOX® SZP-391                                            | 50.0            |
| Aerosil R 972                                             | 3.0             |
| <b>Total</b>                                              | <b>491.5</b>    |
| <i>Grind in Cowles at high speed for about 20 minutes</i> |                 |
| <b>Letdown</b>                                            |                 |
| Maincote PR-71 (50%)                                      | 450.0           |
| Butyl Glycol                                              | 0.0             |
| Grind above                                               | 491.5           |
| Water                                                     | 14.5            |
| TEXANOL                                                   | 11.5            |
| Dowanol DPM                                               | 23.0            |
| HALOX® FLASH-X 330                                        | 5.0             |
| Acrysol RM 12 W                                           | 1.0             |
| STC 275                                                   | 3.5             |
| <b>Total</b>                                              | <b>1000.0</b>   |

| Paint Constants        |       |
|------------------------|-------|
| pH                     | 8.4   |
| Krebs Stormer KU       | 102.0 |
| Weight Solids %        | 51.9  |
| Volume Solids %        | 43.4  |
| Pigment Volume Conc. % | 34.8  |

"Safety recommendation: We do not expect the formulations or recommendations given herein to present unusual hazards in laboratory work: however we recommend that, when evaluating or making them, proper laboratory safety practices be observed and that you check with the suppliers of raw materials the specific hazards of each component."

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