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water based industrial polymers

Ottopol 510-28 Technical Data sheet

Product Specifications

Description -----	Anionic Hydroxyl Functional Acrylic Solution Polymer
Appearance -----	Hazy Solution
Solids-----	27.0 - 29.0%
pH-----	8.0 - 9.0
Viscosity -----	2,000 – 4,000 cps
Flash Point-----	Same as Water
Glass Transition Temperature -----	32 Degrees C
Hydroxyl Number-----	96
Specific Gravity -----	1.0476
Weight/Gallon -----	8.74
Freeze Thaw Stability -----	5 Cycles
FDA Status-----	None
USDA Status-----	None

Cross-linking Acrylic for Salt Fog and Solvent Resistant Coating using Melamine and PTSA

- | | |
|-------------------------------|----------------------------|
| 1) Ottopol 510-28-----67.0 | 4) Cypat 40:40-----1.6 |
| 2) Ineos Resimene 2608 -- 3.3 | 5) Water -----2.2 |
| 3) Water-----25.5 | 6) Aqua Ammonia 19% ---0.4 |

Procedure: Pre-mix components 1, 2, & 3 in suitable container with agitation. Pre-mix component 4, 5, & 6, slight exthotherm will occur. Pour 4, 5, & 6 pre-mix into 1, 2, & 3 pre-mix.

Coating must reach 220 degrees F to initiate cross-linking. The coating will continue to crosslink at ambient temperature for the next six days.

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