



Pure chemicals company

GUIDE FORMULA FOR WHITE LACQUER

Formulation type: *New/Modified*

Reason for Modification : *NF*

| | Product: White Lacquer | | | Formulation No: 00232 | |
|------|--|---------------|---------------------------|-------------------------------|----------------|
| | Shade: White | | | Issue Date: 7/2016 | |
| | Processing Equipement: H.S.M | | | Chemist Ref:-H.R .2016 | |
| CODE | RAW MATERIAL | Wt. % | Function | Quality Control Specification | |
| | Ensure the mixer is clean, add under slow speed in given sequence | | | Opacity | Comp To STD |
| | | | | Fineness | 25 Micron |
| | <i>long alkyd (70%)</i> | 32.00 | <i>Resin</i> | <i>Vis. Sec. Ford cup</i> | <i>150 Sec</i> |
| | <i>Ca 10 %</i> | 0.47 | <i>Drier</i> | <i>SP.Gr</i> | <i>1.1 g/l</i> |
| | <i>Nuosperse FA 106</i> | 0.23 | <i>Dispersing Agent</i> | <i>Shade</i> | <i>White</i> |
| | <i>Bentone 30</i> | 0.20 | <i>Antisettling agent</i> | | |
| | <i>White Spirite</i> | 6.00 | <i>Solvent</i> | | |
| | Mix at low speed to get homogeneous solution | | | | |
| | <i>Dupont R 902</i> | 20.00 | <i>Pigment</i> | | |
| | Grinding well to give finest 25 micron then add the following ingredient to adjust the Hiding ,Sp.gr, Dring time and viscosity | | | | |
| | <i>Emulsion intermediate</i> | 39.50 | <i>intermediate</i> | | |
| | <i>Co 10 % Rookwood</i> | 0.30 | <i>Drier</i> | | |
| | <i>Zr 10 % Rookwood</i> | 0.70 | <i>Drier</i> | | |
| | <i>Methanol</i> | 0.20 | <i>Bentone Activitor</i> | | |
| | <i>Tint-Ayd 234</i> | 0.10 | <i>Toner</i> | | |
| | <i>Mekzem</i> | 0.30 | <i>Antiskin agent</i> | | |
| | Sum | 100.00 | | | |

Special instruction from RD: Temperature in mixer shouldn't increase more than 50 deg C.

R&D CHEMIST

R&D Manager

Technical Manager

Verified by

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