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CIN NO – U00000DL2001PTC110116

NU UREA RESIN 60

DESCRIPTION: Pure non-plasticized Urea Resin. Medium viscous, colourless solution, in butyl – alcohol.

Solid content	:	62 – 65 %
Acid Value	:	Neutral
Stoving residue	:	57 – 60% at 125 – 130 ° C for 2 hr.
Viscosity	:	At 20° C 220 – 250 secs. Ford cup 4. 25 –30 poises.
Solubility	:	Good in aromatic hydrocarbons, Alcohol, glycol, ethers, Ketones asters ltd. in aliphatic hydrocarbons and turpentine.

TYPICAL USES: For preparation of stoving varnishes of excellent pale varieties.

Can be used in combination with drying and non-drying alkyd resins. Used for pale stoving Varnishes, white or coloured enamels and intro lacquers.

Varnish Ingredients: Non – drying fatty acid modified alkyds such as castor oil bases.

Medium oil length, drying alkyds, containing dehydrated castor oil. Drying fatty acid modified alkyds such as coconut oil fatty acids.

Nitro-cellulose of lacquer variety.

Colouring Ingredients: Heat stable pigments and dyes, in organic pigments of good covering and Colouring power. Dyes, soluble in organic solvents.

Method of Varnish Preparation: Can be added at room temperatures to varnish ingredients or Solutions. Pigments should be first ground in alkyd resins before mixing while making, spraying, Compositions, some solvents having lower vapour pressures, should be added, such as diacetone alcohol, ethyl, glycol, cycloheanone etc.

Stoving Temp: 120-160 ° C. for ½ to 1 hour.

Film Properties: Hard, adhesive, high-gloss, film light stable, heat resistant and resistant to yellowing high temperature. Stoved films are resistant to dilute alkalies and most organic solvents. Films are elastic and have good body when used in combination with nondrying alkyd resins.

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Serving the Surface Coating Industry