

## NC-25 – Nitrocellulose Solution

### DESCRIPTION

NC-25 is a Nitrocellulose in Solution Form.

### PRINCIPLE PROPERTIES

- ✓ Excellent flow and rapid drying
- ✓ Improvement in adhesive strength and gloss
- ✓ Improved resistance to heat, light, alcohol and water
- ✓ Good abrasion resistance and solvent stability
- ✓ Attain very good mechanical properties (cold-check, elongation hardness, tear resistance)
- ✓ Form hard films and very fast solvent evaporations

### RECOMENDED APPLICATIONS

- ✓ All cellulosic system in coating
- ✓ Wood paint and Varnishes
- ✓ Suitable for Metal surface
- ✓ Effect finishes paints
- ✓ Leather and Nail laquers

### SOLUBILITY

It can be diluted in Toluene, Xylene, Ketones, Glycol Ethers and blended with Buthanol.

### COMPATIBILITY

Resin Type	Compatibility
Rosin Esters	+
Amino Resins	+
Short Oil Alkyds	+
Medium Oil Alkyds	+
Long Oil Alkyds	-
Aliphatic Hardeners	+
Aromatic Hardeners	+
Isocyanate Hardener	-
Phenolic Resins	+

### TECHNICAL SPECIFICATIONS

Composition		
Nitrocellulose Type	H1/2 IPA	
Type of Nitrogen Content%	≤12,6%	
Solvent	E.Acetate/B.Acetate/Tol.	
Appearance	Clear	
Test	Range	Method
Non Volatile, %	25± 1%	ISO 3251
Viscosity (25°C) Pa.s	2 – 5	ISO 3219
Color (Gardner)	3 max	ISO 4630-2
Density (g/cm3)	0,95±0,02	ISO 2811-1

### PACKAGING AND DELIVERY FORM

Resin is supplied in steel drum with net content of 200 Kg per drum. For the other package condition, please contact with us.

### THE BENEFITS PROVIDED BY NC 27

- ✓ Saves production time, labour, power, costs etc.
- ✓ Reduction in heavy inventory of both Nitrocellulose and solvents
- ✓ Safe in storage and handling of Nirosolution form
- ✓ Option to produce your products instantly
- ✓ Increase in your production capacity and sales

### STORAGE AND SHELF LIFE

Store in at temperatures between 5-30 °C, well-sealed packaging, dry and well-ventilated storage, should be avoided from direct sunlight. Storage Shelf Life – 12 months from date of production.

### MATERIAL SAFETY

Before handling the product ,SDS should always be read and well understood.

Safety prodecures should be followed.

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