Technical Data Sheet

Dixie N.C AUTOLACQUER TOPCOAT

DESCRIPTION

Dixie N.C. Autolacquer Topcoat is a nitrocellulose-modified alkyd based, fast drying, topcoat. It has good resistance to water and chemicals, along with color retentive properties.

USES

Dixie N.C. Autolacquer Topcoat can be applied to the following substrates:

- Wooden substrates
- Synthetic wooden substrates like veneer, particle board, MDF, HDF and OST
- Metal
- Automotive refinishes application

ADVANTAGES

- Easy to apply
- Quick drying
- Excellent hardness
- Good gloss and durability
- Good weathering resistance

CERTIFICATE & COMPLIANCE

Dixie N.C. Auto Lacquer Topcoat complies with local regulatory standards for VOC as per (USEPA 24).

PACKAGING SIZE

- 0.9 liters
- 3 liters
- 15 liters

TYPICAL PROPERTIES

• Color & Appearance		
Color of Dry Film	As per Dixie shade card	As per Dixie shade card
Finish Dry Film	Glossy	Matt
• Specific Gravity	1.10 ± 0.05	1.30± 0.05
• Volume Solids (ASTM D 2697)	32± 2%	34± 2%
• Film Thickness		
Wet Film Thickness (WFT)	65 – 95 microns	60 – 90 microns
Dry Film Thickness (DFT)	20 – 30 microns	20 – 30 microns
• Drying Time		
Touch Dry@ 30°C	15 –25 minutes	15 – 20 minutes
Dryto Recoat @ 30°C	2 - 3 hours	2 - 3 hours
Hard Dry @ 30°C	8 – 15 hours	8 – 10 hours
• Theoretical Spreading Rate	16 – 10.5 m^2/liter	17 – 11 m^2/liter
• Flash Point	10°C	10°C

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SURFACE PREPARATION

• The surface to be coated should be clean, free from contamination and suitably primed.
• Sand the primed surface with 320 and 400 emery paper.
• It is recommended to apply the coating on a moisture free surface (moisture content less than 10%).

APPLICATION METHOD

- Brush
- Spray (conventional)

Airless Spray Requirements

- Pressure: 2100 psi
- Nozzle Size: 0.018" – 0.020"

Cleaning Solvent / Thinner: Dixie Lacquer Thinner

Dilution by volume

- 1:1 - Paint : Thinner

RECOMMENDED SYSTEM

Dixie N.C. Primer Surfacer	**1 - 2 coats**
Dixie Polyester Putty or N.C Putty	**1 coat**
Dixie N.C. Primer Surfacer	**1 - 2 coats**
Dixie N.C. Autolacquer Topcoat	**1 - 2 coats**
Dixie N.C. Autolacquer Clear	**1 coat**

SAFETY PRECAUTIONS

• Avoid skin and eye contact by wearing overalls, gloves, goggles, and mask etc.
• **Skin Contact:** Clean with recommended thinner first and then wash thoroughly with soap and water. Seek medical attention if any irritation persists.
• **Eye contact:** In the event of accidental splashes, flush eye with water and rinse thoroughly. Seek medical advice immediately.
• Avoid inhalation of vapors and paint mist by wearing suitable mask.
• In the event of ingestion seek medical attention immediately.
• Application must be carried out in well-ventilated area.
• This product contains flammable materials and should be kept away from the sparks and open flames.
• Smoking in the area should not be permitted.
• Local safety regulations need to be followed.

STORAGE & SHELF LIFE

• Store the material in proper storage conditions as per the local regulations. Keep the paint container in sealed condition under shed, away from direct sunlight and extreme temperatures.
• Do not keep paint material near to any ignition sources.
• Do not put back the half or unused material back in original container, containing the supplied paint, to avoid contamination.
• Handle with care.
• Stir well before use.
• Shelf life at 30°C is 24 months in original sealed container, with proper storage conditions.

NOTE: We warranty only the quality of our product and this data sheet is based on results obtained from experience and tests. We