

PU LACQUER PUL-746-NY

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PU LACQUER PUL-746-NY is a two component non yellowing Polyurethane Clear Top Coat. It provides good leveling and easy to use. Specially designed as a clear topcoat for interior and exterior wooden furniture.

PRODUCT SPECIFICATION

Type : 2K Polyurethane

<u>A Component:</u> PUL-746-NY	Appearance	Gloss Level (%)	Solid Content (NV, w/w)	Viscosity (Din cup 6, 30°C)	Specific Gravity
Clear Gloss	Clear	>90	42 ± 1 %	35 ± 5 sec	0.99 ± 0.02 g/cc
Clear Satin	Milky	30 - 40	42 ± 1 %	35 ± 5 sec	0.99 ± 0.02 g/cc
Clear Dof	Milky	10 - 20	42 ± 1 %	35 ± 5 sec	0.99 ± 0.02 g/cc
<u>B Component:</u> HARDENER PU-741	Clear	-	26.5 ± 1 %	47 ± 5 sec (Din 2)	0.93 ± 0.02 g/cc

Flash Point : 36.6°C
Packing : 0.5 lt. in steel can (for A component)
0.25 lt. in steel can (for B component)

APPLICATION

Application condition : 25 - 35°C, 60 - 80%RH
Application method : Air Spray
Substrate/Undercoat : Teak, beech or others wood/PUSS-741-NY
Mixing ratio by volume :

	A Component (PUL-746-NY)	B Component (HARDENER PU-741)	THINNER (Thinner PU-040)
Weight	2	1	1
Volume	2.02	1.08	1.09

Thinner : Thinner PU-040
Application viscosity (NK 2, 30°C) : 10 - 11 sec by spray
Pot life of mixture : 6 - 8 hours
Coating Amount (wet) : 90 - 100 g/m² of mixture per coat
Theoretical coverage : 10 m²/lt. at ca 100 g/m²

FILM PROPERTIES

Drying time (min, 30°C)

- Dust Free : 20 - 30 minutes
- Tack Free : 50 - 60 minutes
- Hard Dry : 4 - 5 hours

Re-coating time : Wet on dry = after 1 - 2 hours
Open Time : After 3 - 4 hours
Stacking time : After 4 - 6 hours
Packing Time : After 72 hours
Adhesion on PUSS-741-NY : GT = 0 - 1
Resistance to

- Water : Good
- Butyl Acetate : Good
- Acetone : Fair
- Alcohol : Good
- Yellowing : Good
- Hot & Cold Check (10 cycles ASTM) : Good

OTHERS

- Shelf life : 12 months for A component and 6 months for B component if stored in cool and dry condition and in original sealed can.
- Storage and handling : Avoid B component from heat and humidity. Store in cool storage and in good ventilation room.

SURFACE PREPARATION

- The surface must be clean, dry, and free from oil.
- Remove oil, grease, or dirt with solvent or appropriate method (wire brush, steel wool, or sand paper no. 240 for teak or beech wood).
- For coloring, use stain recommended by the supplier (refer to compatibility and suitable dosage).
- Use PU SANDING SEALER PUSS-741-NY as a Sealer.

APPLICATION INFORMATION

- A and B component and thinner should be mixed properly and stir thoroughly with agitator.
- Apply by spray an even coat at coating amount 90 - 100 g/m².
- Sand the surface with sandpaper no.400 after 6 - 8 hours, over night is better.
- Apply the second coat if necessary.
- Good ventilation in working area is suggested.

RECOMMENDED COATING SYSTEM

No.	APPLICATION STEP	PRODUCT	RECOMMENDED COATING
1	Stain	e.g.: Olpha stain	1 x
2	Base Coat	PUSS-741-NY	1 - 2 x
3	Top Coat	PUL-746-NY	1 - 2 x

SAFETY PRECAUTION

This product contains aromatic solvent. It does not contain formaldehyde or heavy metals. Avoid contact with the skin and eyes. Wear suitable protective clothing such as working suit, goggles, masks, and safety gloves. Use barrier cream.

This product is flammable. Keep away from fire and direct sunlight. Use only explosion proof equipment. Do not breathe the vapor of spray. Avoid contact with strong oxidizing agents and water. For more information, please refer to our safety data sheet.

FIRST AID

- Eye contact : Rinse immediately with plenty of water for at least 15 minutes; seek medical advice.
- Skin contact : Wash with soap and water. If irritation occurs, seek medical advice.
- Ingestion : Provide symptomatic treatment and seek medical advice.
- Inhalation : Remove person to fresh air. Keep patient rested and give artificial respiration.