



TECHNICAL DATA SHEET

70PU400S01
02 - 2025

PRODUCT: 70PU400S01
DESCRIPTION: Clear Acrylic Topcoat - Natural Effect
USE: Furniture and Wooden fixtures
APPLICATION SYSTEM: Traditional Spray Guns, Airless, Airmix

CHEMICAL - PHYSICAL CHARACTERISTICS

SPECIFIC GRAVITY: 0.900 ± 0.100 (Kg/l at 68°)
DENSITY (WPG): 7.51 ± 0.100 (lbs/gal US at 68° F)
WEIGHT SOLIDS: $15\% \pm 1$
VOLUME SOLIDS: $13\% \pm 1$
VISCOSITY: $135'' \pm 5$ (DIN4 at 68° F) approximately 45" Zahn cup n°4
VOC (material): 6.38 lbs/gal US or 765.00 g/l
VOC (coating): 6.38 lbs/gal US or 765.00 g/l
VOC Ratio: 5.67 lbs VOC/lbs Solids
HAPS Ratio: 2.62 lbs HAPS/lbs solids

This product meets U.S.A. TSCA regulations.
DSL Inventory: all the components are listed on the DSL inventory.

PREPARATION OF THE PRODUCT

70PU400S01 100 parts by weight
7CTN52 25 parts by weight
DPU820 30 parts by weight

Or

70PU400S01 100 parts by volume
7CTN52 20-25 parts by volume
DPU820 30-35 parts by volume

POT-LIFE: 2 hours (reduced at 20% with DPU820 at 68° F)

APPLICATION CHARACTERISTICS

COVERAGE: 136 sqft/gal or 3.3 sqm/l (1 mil dried)
APPLICATION AMOUNT: 80-120 g/m² 3 - 5 (wet mils)
NUMBER OF COATS: 1 - 2
DRY TIME:
At 68° F (4 wet mils)

- DUST FREE:	15-20 minutes
- MARK-PROOF:	25-30 minutes
- DRY TO SCUFF SAND AND RECOAT:	35 - 45 minutes
- STACKABLE:	6 hours

GENERAL PROPERTIES

This Acrylic Top Coat gives the appearance of an unfinished natural effect while offering a coating with excellent scratch resistance. This product is non-yellowing but also contains U.V. filters that limit the color change of the substrate. The Natural Effect Topcoat is easy to sand and has good grain definition. This coating can be applied as a selfseal system or over any Acrylic Sealer that has already been sanded.

SHELF LIFE: 12 months

Data refers to product stored in original, sealed packing.

STORAGE: Keep in a cool, well-ventilated place; temperature should not exceed 77°- 82.4° F.

Company Information: SIRCA S.p.A. has a quality system certified by DNV GL ISO 9001



The information supplied are correct to the best of our knowledge. However, as the coating process depends on many variables and the present application takes place without our supervision, we cannot assume any responsibility for the final result. Sirca guarantees that chemical and physical characteristics of the products are within the reported range. Due to the large variety of substrates and application devices, the purchaser/user should test our products in his own application conditions and safety and environment circumstances. Sirca's technical and sales departments are at customer's disposal for any further information regarding correct application of our products.