

## FLAT BLACK LACQUER

### PRODUCT CODE:

1A16 Flat Black Lacquer

### PHYSICAL PROPERTIES:

|                |                            |
|----------------|----------------------------|
| Viscosity:     | 65 – 70 sec. (#4 Ford Cup) |
| Flash Point:   | 5°C                        |
| Weight Solids: | 23 %                       |
| Density:       | 0.95 g/ml                  |
| Sheen:         | 10 - 15                    |
| Appearance:    | black liquid               |
| Shelf Life:    | 2 years unopened           |

### PRODUCT DESCRIPTION AND USES:

Schwartz 1A16 Flat Black Lacquer is a fast-dry, ready-for-use nitrocellulose-based black lacquer for both interior wood and metal. It can be used as topcoat for surfaces primed with 1A4 Black Ground Coat.

### PRODUCT ADVANTAGES:

1. Fast dry
2. Excellent build and adhesion
3. Excellent flow and leveling
4. Excellent Coverage

### ENVIRONMENTAL INFORMATION:

VOC: max 724 g/L

### APPLICATION DATA:

|                      |  |
|----------------------|--|
| Suggested Uses:      | Used as finish coat for interior wood and metal.   |
| Mixing Instructions: | Mix before use, 1A16 is ready-for-use. Use 4T100 to adjust spray viscosity if required.                        |
| Pot Life:            | NA   |
| Recommended System:  | For a smoother finish, prime with Schwartz 1A4 Black Ground Coat followed by Schwartz 1A16 Flat Black Lacquer. |
| Application Tools:   | Apply using conventional, airless, air-assisted airless and HVLP sprayer/atomizer                              |
| Coverage:            | 400 - 450 ft <sup>2</sup> /gal   |
| Reducer:             | 4T100 Lacquer Thinner  |
| Retarder:            | 4T175 Lacquer Retarder   |
| Clean-up Solvent:    | 4T100 Lacquer Thinner  |

## DIRECTIONS FOR USE:

**Surface Preparation:** Surfaces must be clean, dry and contaminant-free. Sand wood with 150-grit sandpaper before coating. Remove all dust. When primer/sealer or topcoat is sanded, always apply succeeding coat within 8 hours of sanding. Sand between coats with 280-320 grit sandpaper. When used on metal, remove all dirt, grease and contaminants. Clean metal with 4T100 before finishing.

**Ambient Conditions:** Use only when ambient conditions are 18°C to 30°C and RH= 40-60%. Wood moisture content must be between 6 - 10%. Substrates should be acclimated with recommended ambient conditions.

**Application:** Following surface preparation; Apply Schwartz 1A4 Black Ground Coat as primer (see TDS for recommended application). On a properly prepared and/or primed surface, apply 2 even coats of 1A16 Flat Black Lacquer by spray. Always allow to dry and scuff sand between coats with 280-320 grit sandpaper.

### Dry Time:

Tack free in 15-20 minutes (25C, 60% RH)

Dry Hard in 30-45 mins. (25C, 60% RH).

CAUTION: Cold temperature, high humidity, or lack of airflow will prolong dry times.

**Recoat time:** 30-45 minutes (25C, 60% RH)

**Clean-up:** 4T100 Lacquer Thinner

**Storage:** Store indoor at room temperature, away from heat, ignition sources, open flames and direct sunlight.

**Warning:** Use in a well-ventilated area. AVOID sparking, use non-sparking tools. Avoid open flames, turn off all pilot lights, ensure that work area is properly ventilated. Soiled rags and waste products may contain combustible liquids or vapours, dispose in accordance with local regulations. Refer to MSDS for information on safe use of this product.

## LIMITATIONS and WARRANTY

The recommendations made and the information herein is based on our own and independent laboratory experience, and is believed to be accurate under controlled conditions. However, no warranty or guarantee of accuracy is made because we cannot cover every possible application of product nor anticipate every variation encountered in weather conditions, job- conditions, methods used and types of surfaces on which the product is applied. The users shall make their own tests to determine the suitability of such products for any particular purpose. Schwartz makes no warranties with respect to this product, expressed or implied, without limitation, the implied warranties of merchantability or fitness for a particular purpose.

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