

PRODUCT: 6CTE5000US Series
DESCRIPTION: Universal dyes
USE: Staining for all types of woods.
APPLICATION SYSTEM: Spray, wipe or brush

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|--------------------------|------------|-----------------|
| AVAILABLE COLORS: | 6CTE5000US | Antique Walnut |
| | 6CTE5007US | Raspberry - Red |
| | 6CTE5015US | Lemon Yellow |
| | 6CTE5118US | Blue |
| | 6CTE5285US | Black |
| | 6CTE5401US | Orange |
| | 6CTE5550US | Sun Yellow |
| | 6CTE5961US | Dark Walnut |

All dyes can be intermixed with each other and reduced with recommended solvents to achieve required color.

The following stains are blended using the primary universal dyes listed above. Ask your technical representative for the formulas for these colors.

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|----------|--------------|
| 6CTE5964 | Palisander |
| 6CTE5029 | Fair Walnut |
| 6CTE5048 | Light Walnut |
| 6CTE5084 | Brown Walnut |

PHYSICAL AND CHEMICAL PROPERTIES

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|--------------------------|------------------------------------|
| SPECIFIC GRAVITY: | 0.950 ± 0.100 (Kg/l at 68°) |
| DENSITY (WPG): | 7.93 ± 0.100 (lbs/gal US at 68° F) |
| WEIGHT SOLIDS: | 8% ± 1 |
| VOLUME SOLIDS: | 5.49% ± 1 |
| VOC (material): | 7.29 lbs/gal US or 874.00 g/l |
| VOC (coating): | 7.29 lbs/gal US or 874.00 g/l |
| VOC Ratio: | 11.50 lbs VOC/lbs Solids |
| HAPS Ratio: | 1.688 lbs HAPS/lbs solids |

* Note: all values above reported, are based on 6CTE5000US

This product meets U.S.A. TSCA regulations.

PREPARATION OF THE PRODUCT**

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|-------------------|---------------------|
| 6CTE5000US | 0-5 parts by volume |
| THINNER | 100 parts |

**The final effect achieved will depend on the type of application, quantity applied and type of reducer used. For more information, see "application characteristics".

APPLICATION CHARACTERISTICS

This dye stain application can be carried out using any standard application equipment (spray or wipe). In order to ensure the best results, both the thinner and if needed binding agents, must be carefully chosen according to type of equipment, coloring effect, wood species and required dry time. In general, you can follow these instructions (by weight):

| APPLICATION | LIGHT SHADE | | DARK SHADE |
|--------------------|--------------------|----------------|-------------------|
| Spray | 6CTE5000US | 100 pp | 100 pp |
| | Acetone | 1500 - 2000 pp | 300 - 500 pp |
| | Nitro thinner | 1500 - 2000 pp | 300 - 500 pp |
| | 6VDT073 | 100 - 120 pp | 50 - 60 pp |
| Wiping/brush | 6CTE5000US | 100 pp | 100 pp |
| | Nitro thinner | 1700 - 2000 pp | 400 - 500 pp |
| | PM Acetate | 300 - 500 pp | 100 - 200 pp |
| | 6VDT073 | 200 - 250 pp | 50 - 60 pp |

Values are expressed in weight.

However, in order to get the best results, testing should be carried out.

GENERAL PROPERTIES

The 6CTE5000US series of dye stains allow for a very high quality clear color. These dye stains offer very good light fastness but can not be used with polyester or UV products. 6CTE5000US dyes can be mixed with standard lacquer thinners to include acetone. They can also be mixed with water and water base binders (6CTW4400) for spray and wipe applications using water borne products.

SHELF LIFE: 12 months

Data refers to product keep in their original, closed packaging.

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 according to standard UNI EN ISO 9001/2008

The information given in this bulletin has been drawn up to the best of our knowledge and experience. However, since the characteristics of the varnishes are subject to parameters beyond our control (conditions of environment, application, items being coated, etc.), the data given cannot be guaranteed. Sirca's technical and commercial network is available for clarifying any issue regarding correct application of Sirca products.