

# APPLICATION DATA SHEET

## BLACKFAST 183 BRASS ANTIQUING SOLUTION

USE: 10% solution in water.

APPLICATION: Blackfast 183 will darken bright brass surfaces to a dark brown. The bath should be maintained at a temperature range 35-40°C for the best results. At lower temperatures, the process is slower and the recommended immersion time of 5 minutes is exceeded. At temperatures higher than 40°C, some ingredients in the solution begin to dissociate rendering the process inoperative. On removal from the solution, the brass is allowed to dry then lightly abraded to remove some of the coating on proud surfaces. What remains will be within the crevices and surface of the brass revealing an antiqued surface.

TESTING AND CONTROL When in regular use the performance of Blackfast 183 can be monitored readily by the practical results. In addition, a simple test can be undertaken to check the strength of the tank solution. From a 10% solution of Blackfast 183 in water, take 10ml of the tank solution and place in a transparent conical flask. Add a few drops of Bromocresol Green Indicator solution. The contents of the flask are titrated with N/10 Sodium Hydroxide until the original yellow colour has changed to blue. Consumption of 13ml of the test solution indicates a tank of the correct strength. For each 1ml shortfall from a reading of 13ml, it is necessary to add 0.75% Blackfast 183 concentrate (i.e. for a 100 litre bath, add 0.75 litres 183).

TANK MATERIAL Tanks should be of plastic, rubber lined steel or stainless steel.

PRODUCT SAFETY DATA SHEET: A safety data sheet is available.

Blackfast 183 is part of the Blackfast range of products for the treatment of iron, steel and aluminium at low temperatures.

Blackfast Chemicals continues to improve the quality and performance of its range of products and reserves the right to modify product formulations without prior notice.

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