

COSMICHROME CHEMICALS

TECHNICAL DATA SHEET



COSMICHROME[®] BASE COAT V-BCL

Product Description	Cosmichrome [®] Base Coat V-BCL ensures adherence to the substrate and metal solutions to the basecoat.		
Advantages	Easy to apply. Lays flat and glossy. Fast drying. Can't be over dried. Provides excellent adhesion of plating.		
Chemical Composition	Solvent based urethane.		
Product Data	Color: gray	Drying time: - natural air dry 24 hr / - bake 1 hr at 140° F (60° C)	
	Finish: high gloss	V.O.C. % by weight: 48.5%	
	Appearance: gray liquid	Product Shelf Life: 1 year	
	Recommended Film Thickness: - WFT 3mils - DFT 1mils	Density: 0.97 g/ml Viscosity: 12	

Directions For Use

Surface Preparation	Must be smooth and clean. Wash / degrease the surface prior to the application of the Base Coat V-BCL.
Recommendations	Minimum sandpaper grit 1000 final. Must be applied in a well-ventilated paint booth at room temperature.
Mixing	- Mix in a ventilated area and wear a respirator. - Shake/stir basecoat well before using every time. In a clean container, carefully mix 100 grams Base Coat V-BCL, with 40 grams V390 Catalyst. DO NOT ADD ANY THINNER/SOLVENT.
Application	- Use product within 45 minutes of mixing. Apply two coats of Base Coat V-BCL 10 min. apart on surface to be coated, allow to air dry (flash off) for 30 min. Baking at 140° F / 60° C for 1 hour min. or let air dry for 24 hr. - Allow to cool for 60 min (ROOM TEMP) before proceeding with the next steps of the plating process.
Equipment Recommended	Gravity fed spray gun 1.3 nozzle tip, 35 / 40 psi.

Safety

The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State, and Local health and safety regulations, thorough ventilation of the workplace, good skin care, and wearing of protective goggles.

For detailed information please refer to Safety Data Sheet.

Check for recent amendments to this data sheet at www.cosmichrome.com

Important

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