

CERAMITATION GUIDE

Please read all instructions and recommendations carefully before using.

CERAMITATION is a two part system: **PART A** (color) and **PART B** (catalyst).

1. Gently shake PART A (color) before using.
2. Using a **non-absorbent** container mix:

MIXING RATIOS

RESULTS AFTER CURING

Hard (Basic Method)
Hard-slight flexibility
Very flexible

PART A (color)

one (1) part
two (2) parts
one (1) part

PART B (catalyst)

two (2) parts
three (3) parts
one (1) part

When mixing small amounts, measuring by weight instead of volume may be desirable.

3. Allow mixture to stand in **open container** before applying.

STANDING TIME (hours)

two (2) to four (4)

POT LIFE: 14 to 16 hours (includes standing time)

Mixture may be applied to surface and allowed to stand for all or part of the standing time prior to heat curing. See ROOM TEMPERATURE CURING.

4. Apply in **thin layers** (curing each layer before applying the next).
5. Recommended curing cycles:

CURING TIME (minutes)

30 to 45
60 (color white only)

TEMPERATURE

250°F
225°F

Lower temperatures may be used. However, increased curing time is required (i.e. 200°F for sixty (60) minutes). Thick layers require more time to cure.

APPLY WITH: Squeeze bottle, medicine dropper, hypodermic syringe, brush, spatula, spray gun (see TO THIN), or any other method which will achieve desired effect.

REMOVING CERAMITATION FROM UNCURED SURFACES: Use a paper towel or cotton swab. Remove any remaining residue with acetone. Avoid using acetone on stones, or plastics of any type.

TO THIN: For spraying or similar application method, mix one (1) part CERAMITATION THINNER with one (1) part of PART A (color). Then mix this solution in a 50:50 ratio with PART B (catalyst). Allow to stand for two (2) to four (4) hours before using. If spraying on curved, round, or vertical surfaces, preheat the surface to 200-300°F.

DO NOT ATTEMPT TO THIN WITH ANY OTHER PRODUCT.

IN HUMID ENVIRONMENTS: Keep PART A (color) and PART B (catalyst) containers closed to prevent water absorption. Apply in an air conditioned room if possible.

HEAT SOURCE: Use a temperature controlled oven, portable electric heater, or infrared lamp. **Verify temperature with a quality thermometer.** DO NOT CURE IN GAS OR MICROWAVE OVENS, OR USE ANY OPEN FLAME DEVICE, AS CERAMITATION CONTAINS FLAMMABLE SOLVENTS.

ROOM TEMPERATURE CURING: Thin layers will obtain reasonable hardness within 24 to 48 hours. Do not attempt to cure at temperatures below 70°F. Combining room temperature curing and heat curing will also prove effective.

CURVED, ROUND, OR VERTICAL SURFACES: Preheat the surface to 200°-300°F before applying. Apply in thin layers (curing each layer before applying the next).

MIXING COLORS: Creating unique colors and shades. Similar types of colors are compatible. Mix: opaque with opaque, transparent with transparent, fluorescent with fluorescent, and metallic with metallic. Mix the colors (PART A) first, then mix with PART B (catalyst). Note: unusual special effects may be achieved by mixing different color types.

LAYERING DIFFERENT COLOR TYPES: Different color types may be applied over any **cured** color type. For example: layer(s) of transparent over cured layer(s) of opaque. To achieve a "deep" finish, apply layers of clear CERAMITATION over other cured colors. The "wet" look can also be achieved this way. Be sure to cure each layer before applying the next.

ELECTROPLATING: CERAMITATION is non-conductive, therefore exposed metal surfaces, adjacent to surfaces enameled with CERAMITATION, may be electroplated without affecting the CERAMITATION color or finish.

STONING, BUFFING, AND POLISHING: CERAMITATION has an extremely glossy surface. However, you may wish to stone, buff, and polish the surface. Make sure the piece is fully cured. Longer cures can be stoned and buffed. Use water soluble buffing compounds and polishes recommended for plastics.

STRIPPING CURED CERAMITATION: (for metal surfaces only) Soak in acetone for several hours.

COLORS

OPAQUE

Black
Lamp Black
White
Iridescent Pink
Chinese Red
Red
Violet

Brown
Cocoa Brown
Burnt Umber
Orange
Yellow
Buttercup Yellow
Olive Green
Pearl

Jade Green
Green
Masonic Blue
Sky Blue
Turquoise
Israeli Blue
Blue

TRANSPARENT

Red
Violet
Brown

Orange
Yellow
Green

Blue
Clear

FLUORESCENT

Red
Green

Orange
Pink
Yellow

Chartreuse
Blue

METALLIC

Gold

Silver

Copper

READ ALL WARNINGS & CAUTIONS BEFORE USING THESE MATERIALS

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