

# DC-2620

## CRYSTAL CLEAR

## POLYURETHANE DOMING RESIN

### DESCRIPTION:

DC-2620 is a crystal clear, two component, non-yellowing doming resin. This unique system is **not as moisture sensitive** as other commercially available products and therefore not as likely to form airbubbles due to moisture contamination. DC-2620 was engineered to be more user friendly and it is also **non-hazardous** according to D.O.T. shipping regulations.

DC-2620 forms a durable 3D lens effect on labels, decals, badges, name-plates, lapel pins, automotive hood ornaments, etc. This doming system cures at room temperature and has a convenient 1:1 mix ratio.

DC-2620 is available in quarts, gallons, 5-gallon pails, 55 gallon drums, 50ml, 75ml, 200ml, and 400ml cartridges.

### FEATURES:

- Low Viscosity
- Creates higher Domes
- Non-yellowing
- Not moisture sensitive
- Suitable for outdoor applications
- One to one ratio
- Non-hazardous per D.O.T.
- No odor

### TYPICAL PROPERTIES:

Color	Crystal Clear
Viscosity, 25°C, R/C	1800/1500
Hardness, Shore D	50
Mix Ratio, By Volume	1:1
Gel Time, 25°C	7-10 Minutes
Cure Time, 25°C	24-36 Hours
Weathering resistance, ASTM G53	Pass
Specific Gravity, 25°C, R/C	1.1/1.12

## **INSTRUCTIONS FOR USE:**

1. By weight, thoroughly mix according to mix ratio provided in above specifications. Two components should be carefully weighed in metal, plastic, or glass containers. Avoid using paper cups and wooden stirrers.
2. Mixed material can be degassed at 1 to 5 mm Hg to ensure bubble free castings. Containers should be large enough to allow frothing.
3. Cure according to one of the following cure schedules:  

25°C	24 Hours
45°C	2.5 Hours
65°C	1.5 Hours
85°C	40 Minutes

## **STORAGE & HANDLING:**

Store both components at 75-85°F in original containers. If the containers are opened and the contents partially used, the material left in the container should be blanketed with dry nitrogen before sealing. Carefully read Material Safety Data Sheets before using.

DC-2620 is available in the convenient TriggerBond® dual barrel cartridge system. Sizes include the 50ml, 75ml, 200ml and 400ml cartridges.

## **SHELF LIFE:**

Six months in original unopened containers when stored at 70-85°C in a dry environment.

## **WEATHER RESISTANCE TEST DATA:**

The DC-2620 was tested according to ASTM G53 for accelerated outdoor weathering. A QUV weatherometer in an independent lab was used. This formulation surpassed 1,000 hours. There was no crazing, cracking, blistering, or flaking. Three to five year outdoor life is expected with only the slightest of visible change expected. Recommended for outdoor use.

## **NOTE:**

Always read Material Safety Data Sheets before using this or any other chemicals.

## **IMPORTANT:**

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