

## CRYL-A-CURE

### DESCRIPTION

CRYL-A-CURE is the initiator used for the polymerization of all CRYL-A-FLEX methyl methacrylate (MMA) based resins and CRYL-A-TEX polymer concrete. It is supplied in the form of free-flowing fine white granules, which are added to the resin in small amounts. The usage level is dependent on substrate / material temperature and allows for application of resins at temperatures from 90° F (32 C) to as low as -20 F (-29 C). CRYL-A-CURE is supplied separately (except for CRYL-A-TEX), giving the applicator greater control over application conditions and extending the product shelf life. The high quality of this product gives reliable cure times and consistent system physical properties.

### TYPICAL USES

Used as the cure initiator for all of our 100% solids, methyl methacrylate resins.

### TECHNICAL DATA

Appearance: Fine white granules

Bulk Density (approx.): 5.5 lb./gal  
(0.66 kg per liter)

Shelf Life: 6 Months at 77°F / 25°C

**NOTE: Shelf life can be greatly affected by high temperatures**

Mix Ratio: See CRYL-A-FLEX Mixing Chart

### APPLICATION METHOD

Add proper amount of resin (see mix chart). Mix for 15-45 seconds, or until completely dissolved. Material is now ready for application.

### STORAGE AND HANDLING

Read material safety data sheet before using CRYL-A-CURE. **To minimize loss of quality, CRYL-A-CURE must be stored at or below 77°F – if stored at this temperature product will remain within Dur-A-Flex specification for 6 months.** Keep sealed and do not expose to air or moisture. CRYL-A-CURE must be kept in a clean dry area, in original containers, and out of direct sunlight. Certain chemicals such as accelerators, acids and bases will cause a rapid decomposition to occur at ambient temperatures. Be sure to keep CRYL-A-CURE (BPO) powder isolated from any other chemicals.

### THERMAL STABILITY

The SADT (Self accelerating decomposition temperature) is the lowest temperature at which self accelerating decomposition may occur with a substance in the packaging as used in transport. A dangerous self-accelerating decomposition reaction and, under certain circumstances, explosion or fire can be caused by thermal decomposition at and above 131°F / 55°C. Contact with incompatible substances can cause decomposition at or below the SADT 131° F / 55°C. To maintain quality store in original closed container below 77°F / 25°C (refer to Material Safety Data Sheet). **Do not store near source of heat or ignition such as radiators, steampipes, or open flames.**

### PACKAGING

1-gallon (3.8 liter) plastic pails 5.5 lbs (2.5 kg)  
5-gallon (19 liter) plastic pails 27.5 lbs (12.5 kg)  
55 lb. Boxes (25 kg)(7.5 gallons, 28.4 liters)

*Before using any DUR-A-FLEX, Inc. product, be sure the Material Safety Data Sheet is read and understood.*