

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 0 F (-18 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.

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)

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.

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.

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.**

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