

PRO CATALYST LIQUID



Commercial Product Data Sheet

Product Description

Pro Catalyst Liquid is a reactive agent used to induce curing of Terapro, Parapro and Pro Resins. Pro Catalyst Liquid is supplied as a high viscosity liquid.

Packaging

Pro Catalyst Liquid is supplied in a 2.5-kilogram plastic container that is packaged in a box with a collapsible silicone measuring cup and a plastic tablespoon to facilitate accurate measurement.

Storage

Pro Catalyst Liquid should be stored in its original packaging at all times until just prior to use. Always store in a cool and dry location. Do not store in direct sunlight or in temperatures below 32°F (0°C) or above 77°F (25°C).

Materials stored on the project site during application should be kept on a pallet in a shaded well-ventilated area. In unshaded areas, materials should be covered with a white, reflective tarp in a manner that allows for air circulation beneath the tarp.

Pro Catalyst Liquid is stable if stored and used in accordance with Siplast guidelines. Pro Catalyst Liquid is heat sensitive and should be stored under controlled conditions to ensure that the reactivity/effectiveness is not compromised as well as for safety reasons. Pro Catalyst Liquid should not be exposed to temperatures in excess of 122°F (50°C). Product exposed to temperatures in excess of 122°F (50°C) may experience hazardous self-accelerating decomposition. Self-accelerated decomposition is signaled by the presence of bright white smoke and the process can generate high temperatures, depending on the environmental conditions and quantity of product.

The shelf life of Pro Catalyst Liquid is 6 months from the ship date. A use-by date is listed on each box. Shelf life is reduced if product is stored at temperatures exceeding 77°F (25°C). Pro Catalyst Liquid should not be used if the shelf life is expired. Contact Siplast for disposal requirements of expired material.

Handling

Keep Pro Catalyst Liquid away from, fire, flame, and ignition sources. Avoid skin and eye contact. Do not eat, drink or smoke when handling or applying Pro Catalyst Liquid. Consult the Safety Data Sheet (SDS) at www.siplast.com for additional information pertaining to handling this product.

Personal Protection Equipment (PPE)

Workers must use butyl or nitrile gloves when mixing Pro Catalyst Liquid. Safety goggles are required for eye protection. Consult the Safety Data Sheet (SDS) at www.siplast.com for additional information pertaining to personal protection equipment (PPE).

Mixing & Catalyzing Procedures

Thoroughly mix the entire drum of resin for 2-3 minutes before each use, and prior to pouring off resin into a second container if batch mixing. Add pre-measured Pro Catalyst Liquid to the resin component, and stir for 2 minutes using a slow-speed mechanical agitator or mixing stick.

The amount of Pro Catalyst Liquid added to Parapro, Terapro, and Pro Resins is based on the weight of the resin used and varies with the ambient or substrate temperature. Refer to the Siplast Pro Catalyst Liquid & Powder Mixing Charts or individual resin product data sheets for mixing charts for the specific resin to be catalyzed. Catalyze only the amount of material that can be used within the resin's pot life.

Please note that Pro Mortar requires the use of Pro Catalyst Powder and should not be used with Pro Catalyst Liquid.

Mass and Volume Data for Pro Catalyst Liquid

Pro Catalyst Liquid – Net Contents Per Container			
2.5 kilograms	2.25 liters	2250 milliliters	10 cups
Density (kg per liter)	Liquid Measure (liters per kg)	Liquid Measure (milliliters per kg)	
1.1 kilograms per liter	0.91 liters per kg	910 milliliters per kg	

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