

PRO CATALYST POWDER



Commercial Product Data Sheet

Product Description

Pro Catalyst Powder is a reactive agent used to induce curing of Parapro, Terapro, and Pro resins. Pro Catalyst Powder is supplied as a white granular powder in pre-measured packets.

Packaging

Pro Catalyst Powder is available in a specifically designed vented box containing 10 pre-measured 0.1-kg (100 grams) (3.2 oz) plastic bags (1 kg total). A 1-tablespoon measuring scoop is included in each box. One (1) tablespoon equals approximately 0.01 kg of Pro Catalyst Powder.

Storage

Pro Catalyst Powder should be stored in its box 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 Powder is stable if stored and used in accordance with Siplast guidelines. Pro Catalyst Powder 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 Powder 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 Powder 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 Powder should not be used if the shelf life is expired. Contact Siplast for disposal requirements of expired material.

Mixing & Catalyzing

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 Powder to the resin component, and stir for 2 minutes using a slow-speed mechanical agitator or mixing stick.

The amount of Pro Catalyst Powder added to Parapro, Terapro, and Pro Resins is based on the weight of the resin used and varies with the ambient 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.

Note that some Pro resins should only be catalyzed using Pro Catalyst Liquid. Refer to the mixing chart for the specific resin to be catalyzed.

Handling

Keep Pro Catalyst Powder away from fire, flame and ignition sources. Avoid skin and eye contact. Do not eat, drink or smoke when handling or applying Pro Catalyst Powder. 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 Powder. 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).

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Mass & Volume Data for Pro Catalyst Powder

Pro Catalyst Powder Conversion Chart		
Box	Bag	Tablespoon
1 kg	0.1 kg	0.01 kg
10 (0.1 kg) bags	n/a	0.1 bags
100 Tablespoons	10 Tablespoons	n/a

Current copies of all Siplast Commercial Product Data Sheets are posted on the Siplast Web site at www.Siplast.com.