

# PRO CATALYST



## Commercial Product Data Sheet

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### **Product Description**

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

### **Packaging**

Pro Catalyst 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.

### **Storage**

Pro Catalyst 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 is stable if stored and used in accordance with Siplast guidelines. Pro Catalyst 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 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 is 6 months from the ship date. The date of shipment is listed on each box. Shelf life is reduced if product is stored at temperatures exceeding 77°F (25°C). Pro Catalyst 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 catalyst to the resin component, and stir for 2 minutes using a slow-speed mechanical agitator or mixing stick.

The amount of Pro Catalyst added to Parapro and Terapro Resins is based on the weight of the resin used and varies with ambient temperature. Refer to individual resin product data sheets for specific recommendations and requirements for the resin being used. Catalyze only the amount of material that can be used within the resin's pot life.

### **Handling**

Do not smoke. Keep away from open fire, flame or any ignition source. Avoid skin and eye contact with this material. Avoid breathing dust. Do not eat, drink or smoke in the application area.

Consult the Safety Data Sheet (SDS) for additional information pertaining to this product.

### **Personal Protection Equipment (PPE)**

Workers must use only butyl rubber or nitrile gloves when mixing g this product. Safety goggles are required for eye protection.

*Current copies of all Siplast Commercial Product Data Sheets are posted on the Siplast Web site at [www.Siplast.com](http://www.Siplast.com).*

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