# PRO CATALYST LIQUID

Commercial Product Data Sheet

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

***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 122ºF (50ºC). Product exposed to temperatures in excess of 122ºF (50ºC) 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. The date of shipment is listed on each box. Shelf life is reduced if product is stored at temperatures exceeding 77ºF (25ºC). Pro Catalyst Liquid should not be used if the shelf life is expired. Contact Siplast for disposal requirements of expired material.

***Handling***
Do not smoke. Keep away from open fire, flame or any ignition source. Avoid skin and eye contact with this material. Do not eat, drink or smoke in the application area. Consult the Safety Data Sheet (SDS) for additional information pertaining handling this product.

***Personal Protection Equipment (PPE)***
Workers must use butyl rubber or nitrile gloves when mixing this product. Safety goggles are required for eye protection. Consult the Safety Data Sheet (SDS) for additional information pertaining to personal protection equipment (PPE).

***Mixing & Catalyzing Procedures***
Thoroughly mix the entire drum of resin for 2-3 minutes. Add pre-measured Pro Catalyst Liquid to the resin component using either the measuring cup or tablespoon included with material and stir for 2 minutes using a slow-speed mechanical agitator or mixing stick.

The amount of Pro Catalyst Liquid added to Parapro Resins is based on the weight of the resin component to be mixed 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 approximate 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 unit** | | | |
|---|---|---|---|
| 2.5 kilograms | 2.25 liters | 2250 milliliters | 10 cups |

| | **Density (kg per liter)** | **Liquid Measure (liters per kg)** | **Liquid Measure (milliliters per kg)** |
|---|---|---|---|
| Pro Catalyst Liquid | 1.1 kilograms per liter | 0.91 liters/kg | 910 milliliters/kg |

One (1) tablespoon of Pro Catalyst Liquid equals approximately 14.8 milliliters.

One (1) cup of Pro Catalyst Liquid equals approximately 236 milliliters (0.236 liters).

# Pro Catalyst Liquid Mixing Charts

| Pro Catalyst Liquid Mixing Chart<br>Pro Primer R, Pro Primer W, Pro Primer T, Pro Paste and Pro Color Finish | | | | | | |
|---|---|---|---|---|---|---|
| **Resin Quantity** | **2% Pro Catalyst Liquid Ambient Temperature 77ºF to 95ºF (25ºC to 35ºC)** | | **4% Pro Catalyst Liquid Ambient Temperature 41ºF to 77ºF (5ºC to 255ºC)** | | **6% Pro Catalyst Liquid Ambient Temperature 32ºF to 41ºF (0ºC to 5ºC)** | |
| | **tablespoons** | **cups (236 mL each)** | **tablespoons** | **cups (236 mL each)** | **tablespoons** | **cups (236 mL each)** |
| 1 kg (1 liter) | 2 | n/a | 4 | n/a | 6 | n/a |
| 10 kg (10 liters) | n/a | 1 | n/a | 2 | n/a | 3 |

| Pro Catalyst Liquid Mixing Chart<br>Winter Grade<br>Parapro Roof Resin, Parapro Flashing Resin, Terapro Base Resin and Terapro Flashing Resin | | | | | | |
|---|---|---|---|---|---|---|
| **Resin Quantity** | **2% Pro Catalyst Liquid Ambient Temperature 59ºF to 68ºF (15ºC to 20ºC)** | | **4% Pro Catalyst Liquid Ambient Temperature 41ºF to 59ºF (5ºC to 15ºC)** | | **6% Pro Catalyst Liquid Ambient Temperature 23ºF to 41ºF (-5ºC to 5ºC)** | |
| | **tablespoons** | **cups (236 mL each)** | **tablespoons** | **cups (236 mL each)** | **tablespoons** | **cups (236 mL each)** |
| 1 kg (0.72 liter) | 2 | n/a | 4 | n/a | 6 | n/a |
| 10 kg (7.2 liter) | n/a | 1 | n/a | 2 | n/a | 3 |
| 20 kg (14.3 liter) | n/a | 2 | n/a | 4 | n/a | 6 |

| Pro Catalyst Liquid Mixing Chart<br>Summer Grade<br>Parapro Roof Resin, Parapro Flashing Resin, Terapro Base Resin and Terapro Flashing Resin | | | | |
|---|---|---|---|---|
| **Resin Quantity** | **2% Pro Catalyst Liquid Ambient Temperature 68ºF to 104ºF (20ºC to 40ºC)** | | **4% Pro Catalyst Liquid Ambient Temperature 59ºF to 68ºF (15ºC to 20ºC)** | |
| | **tablespoons** | **cups (236 mL each)** | **tablespoons** | **cups (236 mL each)** |
| 1 kg (0.72 liter) | 2 | n/a | 4 | n/a |
| 10 kg (7.2 liter) | n/a | 1 | n/a | 2 |
| 20 kg (14.3 liter) | n/a | 2 | n/a | 4 |

| Pro Catalyst Liquid Mixing Chart<br>Terapro VTS Resin/Filler<br>(full batch with 10 kg of VTS Resin and bag of VTS Filler) | | |
|---|---|---|
| **2% Pro Catalyst Liquid Ambient Temperature 77ºF to 95ºF (25ºC to 35ºC)** | **4% Pro Catalyst Liquid Ambient Temperature 41ºF to 77ºF (5ºC to 25ºC)** | **6% Pro Catalyst Liquid Ambient Temperature 32ºF to 41ºF (0ºC to 5ºC)** |
| 1 cup (236 mL) | 2 cups (472 mL) | 3 cups (708 mL) |

| Pro Catalyst Liquid Mixing Chart<br>Paracoat | | | |
|---|---|---|---|
| **Resin Quantity** | **2% Pro Catalyst Liquid Substrate Temperature 59ºF to 104ºF (15ºC to 40ºC)** | **4% Pro Catalyst Liquid Substrate Temperature 41ºF to 59ºF (5ºC to 15ºC)** | **6% Pro Catalyst Liquid Substrate Temperature 32ºF to 41ºF (0ºC to 5ºC)** |
| | **cups (236 mL each)** | **cups (236 mL each)** | **cups (236 mL each)** |
| 10 kg (7.2 liters) | 1 | 2 | 3 |
| 20 kg (14.3 liters) | 2 | 4 | 6 |

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