

# CA1805CX VOC Compliant Thinner

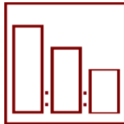
## TECHNICAL DATA SHEET

### Product Description

CA1805CX thinner can be used with Desoprime™ HS primers and Desothane® HS topcoats to improve spray characteristics and film appearance. CA1805CX can be used in hot weather conditions (above 29°C/85°F) to increase the wet edge of the coating.

- Zero VOC per EPA method 24
- Improves the spray characteristics at high temperatures
- Compatible with Desothane® HS topcoats
- Compatible with Desoprime™ HS primers
- Can be used in all environments including high temperature and humidity
- Service temperature -54°C to 177°C (-65°F to 350°F)

### Components



- CA1805CX thinner

### Specifications

CA1805CX is qualified to the following specifications:

- BAMS 565-009

*Note: PPG Aerospace recommends you check the most recent specification QPLs for updated information*

#### **Product Compatibility:**

CA1805CX is compatible with the following topcoat and primer specifications:

- |                                |                 |
|--------------------------------|-----------------|
| • AIMS 04-04-013               | • DMS 2115      |
| • BAMS 565-009                 | • DPM 6456      |
| • BMS 10-11 Type I             | • DPM 6546      |
| • BMS 10-60 Type II            | • MIL-PRF-22750 |
| • BMS 10-72 Type VIII          | • MIL-PRF-85285 |
| • BMS 10-79 Type II & Type III | • MMS 420       |
| • BMS 10-102                   |                 |

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## Instructions for Use



### **Mixing Instructions:**

CA1805CX thinner must be added at the time the base component and activator component are mixed together. Mix with Desothane<sup>®</sup> HS topcoat and Desoprime<sup>™</sup> HS primer as directed on the can label.

CA1805CX may be added until the desired viscosity is achieved, as long as the volume doesn't exceed the maximum listed in the note below.

CA1805CX cannot be used to reclaim a mixed coating that is near the end of its pot life.

*Note: Do not add more than 25% by volume of CA1805CX to the mixed epoxy primer.*

*Note: Do not add more than 20% by volume of CA1805CX to the mixed polyurethane topcoat.*

*Note: Exceeding the recommended thinning level will cause runs and sags. When using CA1805CX at temperatures exceeding 35 °C (95 °F) the wet edge of the coating may be reduced.*

*Note: It is important to condition the paint for 24 hours prior to mixing by placing all materials in the shop or hangar, with ambient temperatures between 13 ° and 35 °C (55 ° to 95 °F). The minimum temperature of the paint components should be 13 °C (55 °F) prior to mixing.*



### **Induction Time:**

Not Required

## Application Guidelines

### **Recommended Application Conditions:**

Temperature	15 - 30 °C (59 - 86 °F)
Relative Humidity	20 - 90%

*These application guidelines represent PPG's best advice in standard conditions. Some parameters will be influenced by environmental conditions, equipment settings, and other variables.*

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## Physical Properties (product)



**Color:** Clear Liquid



**Gloss:** Not Applicable



**VOC (EPA method 24):**

CA1805CX 0 grams/liter



**Flash point closed cup:**

CA1805CX -10 °C (15 °F)

### **Shelf Life:**

12 months from date of manufacture to most OEM material specifications. Consult the specification to verify shelf life requirements.

24 months from date of manufacture for PRC-DeSoto Standard.

*Note: Shelf life is provided for the original, unopened containers.*

*Note: The application and performance property values above are typical for the material, but not intended for use in specifications or for acceptance inspection criteria because of variations in testing methods, conditions and configurations.*

## Storage Recommendations



Inspect the condition of the container to ensure compliance. The material should be stored at temperatures between 5 °C to 35 °C (41 °F to 95 °F) to ensure shelf life.

*Note: When procuring to a qualified material specification, follow those storage instructions.*



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## Health Precautions

This product is safe to use and apply when recommended precautions are followed. Before using this product, read and understand the Safety Data Sheet (SDS), which provides information on health, physical and environmental hazards, handling precautions and first aid recommendations. An SDS is available on request. Avoid overexposure. Obtain medical care in case of extreme overexposure.

**For industrial use only. Keep away from children.**

**Additional information can be found at: [www.ppgaerospace.com](http://www.ppgaerospace.com)**

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