

## CA1805CX VOC Compliant Thinner

### Product description

CA1805CX thinner can be used with Desoprime™ HS primers, Desothane® HD basecoat 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
- Can be used in all environments including high temperature and humidity
- Service temperature -54°C to 177°C (-65°F to 350°F)

### 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 primer specifications:

- 299-947-322 Type I
- AMS 3095
- A2MS 565-008
- BAMS 565-008
- BMS 10-72 Ty VIII & IX Class NC
- BMS 10-79 Type II & III
- BMS 10-103 Type I Grade A
- BMS 10-118 Type I & II Grade B
- BMS 10-123 Type I Grade B
- CMS-CT-201 CI A & B Gr A & B
- CMS-CT-206 Type I Class A
- DHMS C4.01 Type 3 Grade A
- DHMS C4.18 Ty III CI A Gr B
- GAMPS 3103
- GP110AEE
- HMS 16-1738
- HMS 16-2122
- MEP 10-060 Ty I & II Class A & B
- MEP 10-068 Class A & B
- MEP 10-070
- MM1275 Type I & II
- MS100016E Class S
- PWA 36525 Type 1
- SMS-111204 Ty 1 CI 1 Form 1&2
- SMS-111207 Type 7
- STMGK 189
- TCE-M-20710-14
- VMS C4.01 Type 3 Grade A
- VMS C4.18 Ty 3 Class A Grade B

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CA1805CX is compatible with the following topcoat specifications:

- AMS 3095
- A2MS 565-002
- A2MS 565-009
- A2MS 565-018
- A2MS 565-019
- BAMS 565-002
- BAMS 565-009
- BAMS 565-018
- BAMS 565-019
- BMS 10-60 Type II Cl B Gr D
- BMS 10-72 Type VIII
- BMS 10-125 Type III Grade D
- BMS 10-126 Type I Grade D
- CMFS037
- CMFS038
- CMS-CT-101 Type I
- DHMS C4.04 Type VI Cl B Gr B
- DMS 2143 Ty 1 Cl 1 Comp C
- GAMPS 3209
- GP110AEE
- MEP 10-069
- MM1276 Type II
- MM1279
- MS100029E Class HS
- PWA 567
- RMS 430 Type II
- RPS 13.97
- SMS-111207 Type 1
- VMS C4.04 Type VI Cl B Gr B

## Instructions for use



### **Mixing instructions:**

CA1805CX thinner must be added at the time the base component and activator component are mixed together. Mix with Desoprime™ HS primers, Desothane® HD basecoat and Desothane® HS topcoats 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 25% by volume of CA1805CX to the mixed polyurethane coating.*

*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: CA1805CX Zero VOC thinner is exempt per EPA method 24, consult local environmental regulations and material specification allowances prior to use.*

*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.*

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## Physical properties (product)



**Color:** Clear



**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.*

## 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.

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

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

**For sales and ordering information call the local PPG office at the numbers listed below:**

## **Asia Pacific**

### **ASC – Australia**

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Fax 81 561 35 5201

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Tel 44 (0) 1388 770222  
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Tel 33 (0) 235 53 43 71  
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*This document has been reviewed by the PPG Aerospace Export Control Department and has been determined to contain only EAR99 controlled data*

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