

Desothane® HS CA8000/S20 Flattening Paste

TECHNICAL DATA SHEET

Product Description

Desothane® HS CA8000/S20 flattening paste is an additive used with gloss CA8000 series Desothane® HS polyurethane topcoats to obtain a semi-gloss or flat finish.

- Retains properties from the original coating
- Excellent adhesion and corrosion resistance
- Service temperature -54 °C to 177 °C (-65 °F to 350 °F)

Components



Mix ratio (by volume):

- | | |
|---------------------------------|-----------|
| • CA8000 (base component) | 1 part |
| • CA8000/S20 | |
| Semi-gloss | 1.5 parts |
| Flat/lusterless | 2 parts |
| • CA8000B (activator component) | 1 part |

Specifications



CA8000/S20 combined with CA8000 meets the requirements of:

- | | |
|---------------------|-----------------------|
| • BMS 10-60 Type II | • BMS 10-72 Type VIII |
|---------------------|-----------------------|

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

Product Compatibility:

CA8000/S20 is compatible with the following topcoat specifications:

- | | |
|------------------------------|------------|
| • BMS 10-60 Type I & Type II | • DMS 2115 |
| • BMS 10-72 Type VIII | • DMS 2143 |
| • BMS 10-125 Type III | • DPM 6456 |

Surface Preparation and Pretreatments



Follow the recommendations for the CA8000 Desothane® HS topcoat.

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Instructions for Use



Mixing Instructions:

Prior to mixing, thoroughly stir the flattening paste. Shake the base component Desothane® HS polyurethane topcoat CA8000 series for 10 minutes, then add flattening paste CA8000/S20 in the following ratio:

- Semi-gloss - add 1.5 parts flattening paste to 1 part Desothane® HS topcoat CA8000 series by volume.
- Lusterless/Flat - add 2 parts flattening paste to 1 part Desothane® HS topcoat CA8000 series by volume.

Then add 1 part CA8000B Desothane® HS activator and stir for 10 minutes.

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%

Application:

Follow application instructions for CA8000 Desothane® HS.

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



Desothane[®] HS CA8000/S20 Flattening Paste

Physical Properties (product)



Color: Light Yellow



Gloss: Semi-gloss, 25 to 45 G.U at 60°
Flat, <10 G.U at 60°



VOC (EPA method 24):

Mixed, ready for use VOC	420 grams/liter
CA8000/S20 Flattening Paste	394 grams/liter



Flash point:

CA8000/S20 Flattening Paste -17 °C (1 °F)

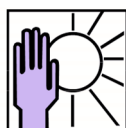
Shelf Life:

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

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

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Issue Date: 7/14

Lit: 0516