

DeSoto[®] 920X348 Polyurethane Accelerator

TECHNICAL DATA SHEET

Product Description

DeSoto[®] 920X348 polyurethane accelerator is designed to reduce the dry to tape time of Desothane[®] HS polyurethane topcoats without adversely affecting the properties of the dry film.

- Compatible with CA8000, CA8200, CA8800, CA9311, CA9321, and CA9800 polyurethane topcoats
- Retains the excellent flexibility of topcoats
- Decreases dry time and wet edge
- Service temperature -54 °C to 177 °C (-65 °F to 350 °F)

Specifications



920X348 is qualified to:

- PRC-DeSoto Standard

Product Compatibility:

920X348 is compatible with the following topcoat specifications:

- | | |
|------------------------------|-----------------|
| • BAMS 565-009 | • DHMS C4.04 |
| • BMS 10-60 Type I & Type II | • DMS 2143 |
| • BMS 10-79 Type VIII | • MEP 10-069 |
| • BMS 10-125 Type III | • MIL-PRF-85285 |
| • DMS 2115 | • MMS 420 |

Surface Preparation and Pretreatments



920X348 can be used with CA8000, CA8200, CA8800, CA9311, CA9321, and CA9800 polyurethane topcoats without changing the film properties. 920X348 is used to reduce the dry to tape time

Instructions for Use



Mixing Instructions:

Only accelerate CA8000, CA8200, CA8800, CA9311, CA9321, and CA9800 topcoats when the exact dry time of the unadjusted material is known and it does not meet production schedule requirements. The dry to tape time for CA8000, CA8200, CA8800, CA9311, CA9321, and CA9800 topcoats are listed on the base component label. The pot life will be reduced.



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Note: Add approximately ½ cc of 920X348 per mixed gallon of material to reduce the dry to tape time by one hour. Do not add more than 4 cc of 920X348 per mixed gallon of any Desothane[®] topcoat.

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

Application:

Follow the application guidelines for the topcoat.

920X348 is used to speed up the dry time of Desothane[®] HS coatings, but it will shorten the pot life and wet edge time.

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

Physical Properties (product)



Color: Amber



Gloss: Not Applicable



Dry Time:

Accelerated or faster drying CA8000, CA8200, CA8800, CA9311, CA9321, and CA9800 topcoats may be more difficult to apply and maintain a good wet edge. Some degradation of the coating surface will occur if the addition of 920X348 exceeds the manufacturer's recommendation. Please note that the pot life of accelerated material will be reduced once 920X348 is added.



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VOC (EPA method 24):

Mixed, ready for use VOC
920X348

883 grams/liter
883 grams/liter

Physical Constants:

Weight/gallon
Solids by weight

8 pounds/gallon
10%



Flash point closed cup:

920X348

Seta Flash -6 °C (22 °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 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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