



Desoclean™ 45 Solvent Cleaner (020X413)

TECHNICAL DATA SHEET

Product Description

Desoclean™ 45 cleaner is a broad spectrum solvent cleaner that removes a wide range of contaminants without leaving a residue.

- Low vapor pressure solvent cleaner
- Eliminates a wide range of contaminants
- Improves the adhesion of coatings and sealants to aluminum substrates
- Ideal for cleaning paint equipment

Specifications



Desoclean™ 45 solvent cleaner is listed on the following process standards:

- | | |
|------------|------------|
| • BAC 5750 | • PS 13375 |
| • DPM 8226 | • STMO 752 |

Note: PPG Aerospace recommends you check the most recent Process Standard for updated information.

Product Compatibility:

Desoclean™ 45 cleaner is compatible with the following topcoat and primer specifications:

- | | |
|------------------------------|-----------------|
| • BMS 10-11 Type I & Type II | • DMS 2155 |
| • BMS 10-60 Type I & Type II | • MIL-PRF-23377 |
| • BMS 10-72 Type VIII | • MIL-PRF-85285 |
| • BMS 10-103 | • MIL-PRF-85582 |
| • BMS 10-125 Type III | • MMS 420 |

Surface Preparation and Pretreatments



Desoclean™ 45 cleaner is broad spectrum solvent cleaner that is often used on metallic substrates before using surface pretreatments.



Induction Time:

Not Required



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Application Guidelines

Application:

Saturate a clean white cotton or nylon cloth with Desoclean™ 45 cleaner, and wet the surface to be cleaned. Immediately wipe dry the wet area with a clean white cotton cloth, using a “wipe on, wipe off” procedure. Do not allow Desoclean™ 45 cleaner to dry on the substrate’s surface before wiping off. Be sure to change your wipe and dry rags often. Do not put soiled or previously saturated rags into solvent containers. Do not use rayon, acetate, or other synthetic fibers that will be dissolved by Desoclean™ 45 cleaner. Desoclean™ 45 cleaner will dissolve, craze or soften some plastic and painted surfaces. Consult the manufacturer before using Desoclean™ 45 cleaner on these types of substrates.

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.



Equipment:

Desoclean™ 45 solvent cleaner can be used to clean hoses and spray equipment, including automatic spray gun cleaning devices.

Physical Properties (product)



Color: Clear Liquid



Gloss: Not Applicable



VOC (EPA method 24):

Mixed, ready for use VOC	784 grams/liter
Per Rule 1124	
Weight % exempt	4.01%
Volume % exempt	3.28%
Desoclean™ 45	784 grams/liter



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Physical Constants:

Weight/gallon	6.82 pounds/gallon
Vapor pressure	39 mm HG at 20 °C (68 °F)
Solubility parameter	10.32



Flash point closed cup:

Seta Flash	-5.6 °C (22 °F)
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Shelf Life:

12 months from date of manufacture to most OEM material specifications. Consult the process standard 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 process standard, 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: 1463