Desolift 3135 Selectively Strippable Coating Remover

TECHNICAL DATA SHEET

Product Description
Desolift 3135 is a paint remover for the latest generation selectively strippable (SSS) exterior coating systems. Desolift 3135 removes only the topcoat of selectively strippable systems leaving the base primer intact.

- No embrittlement of high strength steel alloys, and safe on common aerospace metals
- Reduced sealant softening compared to benzyl alcohol alternatives
- Excellent spray characteristics, uniformly coats, and clings to vertical surfaces
- No halogenated solvents, phenol, heavy metals or Proposition 65 toxic materials
- NESHAP compliant, contains no US EPA defined hazardous air pollutants
- Mild odor
- Alkaline pH of 10-11

Components

Mix ratio (by volume):
- Desolift 3135 Single component

Specifications
Desolift 3135 paint remover meets the performance requirements of:
- AMS 1377

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

Surface Preparation and Pretreatments
Desolift 3135 is a paint remover for selectively strippable topcoats and intermediate coats while leaving the primer layer intact.
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Application Guidelines

Recommended Application Conditions:

Temperature 15 - 32°C (60 - 90°F)
Relative Humidity 20 - 90 %

Application:

Desolift 3135 is not recommended for use on standard epoxy/polyurethane systems found in typical aviation applications. It is solely for use on newer paint systems with a proprietary intermediate and primer coating. Be sure to mask off or cover critical areas with a non-porous material before stripping operation. Critical areas include openings, metal surfaces, rubber, and/or plastic windows. Apply Desolift 3135 to a thickness of twice the coating thickness with a minimum thickness of 8 mils (200 microns). Dwell time varies with temperature, humidity, and airflow, but two application/removal cycles are typical. The first application should dwell 3 to 4 hours and the second application should lift the topcoat in 1 to 3 hours. Difficult coatings may require a 3rd application lasting 3 hours for complete stripping.

Prevent Desolift 3135 from drying out or turning clear by removing and reapplying as needed. Remove dry or clear Desolift 3135 and loosened topcoat with a squeegee. Do not pressure wash before completing the final stripper application. When final application is completed after a total time of 5 to 10 hours, agitate the surface with a stiff bristle brush or non-metallic scraper to dislodge loosened paint and adherent intermediate coat. Final removal of spent Desolift 3135 and digested paint may be accomplished by low volume high-pressure spray, high-volume flush rinse, or with a squeegee. The removal method is dictated by water use constraints and disposal regulations. Squeegeeing to remove stripper and paint residues can minimize water usage and cleanup time. Plastic sheeting placed under the aircraft has been found useful for collection of stripping residues removed by squeegee.

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

Theoretical coverage:

18.8 square meters/liter at 200 microns wet film (202 square feet/gallon at 8 mil dry film)

Equipment:

Desolift 3135 paint remover can be applied with a non-atomizing spray gun, paint brush, or roller.
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Equipment Cleaning:
Clean spray equipment as soon as possible after use. Flush spray equipment with water and acetone.

Physical Properties (product)

Color: White
Gloss: Not Applicable

VOC (EPA method 24):
Desolift 3135 377 grams/liter

Physical Constants:
Weight/gallon 8.51 pounds/gallon

Flash Point closed cup:
Desolift 3135 Not applicable

Shelf Life:
12 months from date of manufacture when stored at 50°F to 90°F (10°C to 32°C).
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 50°F to 90°F (10°C to 32°C) 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.

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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- **ASC – Australia**
  Tel 61 (3) 9335 1557  
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**Americas**
- **1 (818) 362-6711 or 1-800-AEROMIX**

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