

# SV-35 PMA

## Aircraft Coating Remover

### Product Description

SV-35 PMA is a benzyl-alcohol-based stripper activated with a patented blend of non-embrittling acid and hydrogen peroxide. Its combination of 100% biodegradability and very low odor make it user friendly and environmentally safe. In side-by-side trials SV-35 PMA has proven to be one of the fastest and most thorough strippers in the non-hazardous market segment. It is recommended for CARC, FRP, and other difficult to remove coatings.

### Physical Properties

Appearance: ..... pink emulsion  
HAPS: ..... none  
SARA Reportable Items:..... none  
Odor:..... very low  
Specific Gravity:..... 1.06  
pH: ..... 3.0 - 4.0  
Boiling Point: ..... 100°C / 212°F  
Freezing Point: ..... 0°C / 32°F  
Viscosity:..... 4,000-12,000 (cPs)  
Flashpoint:..... 48°C / 118°F  
Stability: ..... Stable  
Application Temperature: ..... > 4°C / 39°F  
Application Concentration: ..... as shipped  
VOC Content: ..... 102 g/L (0.85 lb/gal)

### Approvals

- Airbus
- BAE Systems
- Raytheon
- FedEx
- ATR
- Fokker

### General Application Instructions

- Use with piston-type drum pump (5:1 or 10:1 preferred) or airless sprayer with Teflon seals (all Titan models and all but the smallest Graco model have Teflon seals)
- Use with 25-65° fans and 05-20 tips. Example: VeeJet from Spraying Systems
- Safe for aluminum, titanium, and steel
- Non-embrittling
- Not to be used on acrylic or glass windows
- Warmer temperatures accelerate stripping
- Proper safety procedures should be followed at all times. All personnel should review MSDS before use.

(Procedures for use on opposite side)

## Procedures

### Preparation:

- Prior to application, mask all painted surfaces not being stripped. Follow OEM (Original Equipment Manufacturer) or internal documentation for appropriate masking procedures.
- The surface to be stripped should be generally clean but does not need to be completely free of dirt or oil.
- Mix drum thoroughly for 20-30 minutes before application by recirculating the stripper with the pump before spraying. The stripper should look creamy and be uniform in color.

### Application:

- Spray apply with the equipment recommended above. Pouring is also effective. Brushing and rolling should be limited to small areas due to the inconsistent film builds produced.

### Coverage and Dwell Time:

- Dwell time is typically 3-8 hours but varies with the type of paint and the number of layers. Coverage rate is normally between 40 to 90 ft<sup>2</sup> per US gallon. (1 to 2.2 m<sup>2</sup> per liter)
- **Apply the stripper thick enough so that you cannot see the color of the paint through the stripper layer.**
- Apply stripper in an even coat with no globs or heavy spots as these may cause the stripper to sag or slide off the aircraft. **Once the stripper is applied DO NOT agitate it.** This will adversely affect the performance of the stripper. As long as the stripper is visibly wet it is working.

### Removal and Cleanup:

- Removal of lifted paint can be completed with a squeegee, brush, wet/dry vacuum system or by high pressure water wash.
- Spot reapply stripper to any remaining painted areas and repeat removal procedures.
- Rinse the aircraft starting at the keel and move upward. Hot, pressurized water is ideal for removing any lightly adhered paint but any thorough water rinse is sufficient to fully remove the stripper.
- If the stripper and paint waste will be collected undiluted (before the aircraft is rinsed) a minimum of 8 hours must elapse from the time the stripper is applied to the aircraft until the stripper and paint mixture is collected and put in a waste drum.
- **Use only plastic drums or metal drums with plastic linings for waste collection.** Don't mix with other wastes including rags, aluminum tape, etc.
- **Do not seal the waste drums for 48 hours after collecting the stripper and paint waste mixture.**
- Collect and dispose of the solid paint waste in accordance with local governmental regulations.

### Storage:

- Do not store in direct sunlight
- Protect from extreme temperature and do not freeze
- Seal partially used drums when not in use