

D-ZOLVE 15-33R AIRCRAFT DEPAINTER

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DESCRIPTION

D-Zolve 15-33R is a water borne system which efficiently removes several layers of aircraft paints consisting of epoxy primer with cross-linked polyurethane top coats including MIL P23377 Epoxy or TTP 2760 Flexible Polyurethane and MIL C85285 Polyurethane topcoat, Fluid Resistant BMS 10-11-V Type 1, BMS 10-60-H, BMS 10-7-9 and Desothane 6221T. It also removes topcoats with high solid content fluoride and other high solid content polyurethanes.

Superior Performance

D-Zolve fully conforms to Boeing D6-17487M and to T.O. 1-1-8 including sandwich corrosion tests, immersion corrosion tests, hydrogen embrittlement tests and more. It is U.S. Air Force approved and conforms to Federal Specification TT-R - 2918. D-Zolve can be safely used with aluminum, magnesium, stainless steel, carbon steel, cadmium coated steel, and titanium. This product contains no peroxides and is non-acidic. D-Zolve 15-33R breaks the bond between the substrate and the primer. Once this bond is broken, a secondary action causes the paint to lift away from the substrate as a single film, primer and top coat. D-Zolve stays and keeps moist for 48 hours.

PROPERTIES

PROPERTY	VALUE
Color	Pink
Specific gravity (@68 °F)	0.98-1.00 g/cc
Application	Brush, spray
Viscosity (#4 Zahn Cup)	21,000-23,000 cps
pH	10-11
Flash Point	>93 °C
Dwell Time	24-48 hours
VOC Content	64%

APPLICATION

To maximize efficiency and reduce waste, D-Zolve 15-33R exhibits a long active life and slow rate of evaporation. It displays excellent clinging properties on vertical surfaces and the undersides of wings and fuselage.

D-Zolve can be easily sprayed using an airless spraying system. To reduce overspray, a non-atomizing tip is recommended. D-Zolve can also be applied with a brush and smoothed out with a plastic spatula.

Once the paint has lifted, it can be removed with a rubber squeegee or high pressure water. The stripped surface can be rinsed with water. Paint lifting can be accelerated by elevating the surface temperature to 85°F/29°C. Wrapping the coated parts with plastic film will accelerate the stripping action.

HEALTH AND ENVIRONMENTAL FACTORS

Designed to minimize health and environmental risks, D-Zolve 15-33R is non-carcinogenic, non-flammable, non-acidic, and contains no chlorinated components. It has minimal or no hazardous air pollution potential.

D-Zolve 15-33R is designed to serve as a high performance, safe replacement for methylene chloride that does not structurally degrade aircraft metals.

The US Federal Aviation Administration recommends that most non-metallic materials such as tires, electrical insulation, canopies, fiber reinforced composite materials, some sealants, synthetic rubber parts, and acrylic plastics be protected against possible contact with any paint remover.

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