

D-ZOLVE 15-33IM AIRCRAFT DEPAINTER

D-ZOLVE 15-33IM AIRCRAFT DEPAINTER

DESCRIPTION

D-Zolve 15-33IM is an immersion type paint remover which efficiently removes paint from aircraft wheels, landing gear components, and other aircraft parts. It removes multiple layers of difficult to strip coatings such as MIL P23377 epoxy, TTP 2760 flexible polyurethane, MIL C85285 polyurethane topcoat, fluid resistant BMS 10-11-V Type 1 and BMS 10-CO-H. It is also effective at removing high solids content polyurethanes.

Superior Performance

D-Zolve 15-33IM is safe for use with ferrous and non-ferrous metals. It fully conforms to TO 1-1-8 and has passed MIL PRF.83936C tests for sandwich corrosion, flammability, paint removal performance, and hydrogen embrittlement. Tests were performed on aluminum ASTM B209 (2024-T3), magnesium AMS 4377, steel AMS 5046, and Class 1 cadmium plated steel.

FEATURES

- USAF MIL PRF.83936C
- Non-Hazardous
- No chlorinated components
- Non-Flammable
- No hydrogen embrittlement
- Non-Corrosive

PROPERTIES

PROPERTY	VALUE
Color	White to off-white
Specific gravity (@68 °F)	1.0-1.01 g/cc
Application	Immersion
pH	10-11
Flash Point	>93 °C
Typical Immersion Time	3-4 hours
VOC Content	64%

APPLICATION

To maximize efficiency and reduce waste, D-Zolve 15-33IM exhibits a long active life and slow rate of evaporation. It is designed for tank immersion stripping. Warming the solution to 140 °F/54 °C and adding agitation further accelerates performance.

Removing solids is important to bath longevity. Constant filtration through a polypropylene filter rated between two and five microns is ideal. Alternatively, stripped solids may be allowed to settle to the bottom of the tank and periodically scooped out of the solution.

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.

National Stock Number: NSN 8010-01-369-2646