

D-ZOLVE 319

POWDER COATING DISSOLVER

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DESCRIPTION

D-Zolve 319 is a fast-acting room-temperature powder coating dissolver designed to efficiently dissolve hard-to-remove powder coatings from intricate shapes, blind holes, and narrow orifices. It is used in an immersion tank at room temperature or slightly elevated temperature. Waste solids can be automatically filtered out to prolong the useful life of the bath.

Superior Performance

D-Zolve 319 is safe for use with ferrous and non-ferrous metals including galvanized steel, aluminum, zinc, copper, carbon steel, and stainless steel.

FEATURES

- Non-Ozone Depleting
- No Chlorinated Components
- Non-Flammable
- Long Lasting
- NMP-Free

PROPERTIES

PROPERTY	VALUE
Color	Clear, colorless
Specific gravity (@68 °F)	0.99-1.03 g/cc
Application	Immersion
pH	>13
Flash Point	176 °F
Typical Immersion Time	3-4 hours
VOC Content	91%
Solids	5.78%

APPLICATION

Factors influencing dissolving time include coating thickness, uniformity, and powder coating type. Temperature further affects dissolving time. While ambient operation is sufficient, higher temperatures will result in faster dissolving. Similarly, constant circulation will accelerate dissolving. Agitation may also be accomplished by moving the parts continuously. Agitation also has the effect of allowing stripped coating to fall away.

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. D-Zolve 319 evaporates slowly, but keeping the tank covered will extend bath life.

D-Zolve 319 eliminates the need for blasting, scrubbing, or scraping. Once stripped parts are removed from the tank, pressurized water may be used to remove any remaining residue, particularly from rough surfaces. Caution: D-Zolve 319 is not water-miscible, and water should never be introduced into the bath.

Contact Transene for information on tank design.

HEALTH AND ENVIRONMENTAL FACTORS

Designed to minimize health and environmental risks, D-Zolve 319 is non-carcinogenic, non-flammable, and contains no chlorinated components. It has minimal or no hazardous air pollution potential and is non-ozone depleting.