

# D-ZOLVE 917 RUST AND POWDER COATING DISSOLVER

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### **DESCRIPTION**

**D-Zolve 917** is a fast-acting rust and powder coating dissolver designed to efficiently dissolve hard-to-remove rust, paint, powder coatings, and CARC. Designed as a multi-purpose, low-temperature product, it is used in an immersion tank at 130-200 °F. Waste solids can be automatically filtered out to prolong the useful life of the bath.

#### **Superior Performance**

D-Zolve 917 is safe for use with ferrous and non-ferrous metals including galvanized steel, aluminum, zinc, copper, carbon steel, and stainless steel. D-Zolve 917 removes rust and is effective at removing CARC coatings or high temperature coatings and de-painting silicone plugs and powder coating hooks. It is effective for removing cross linked coatings such as epoxy primers, polyurethane top coats, and other challenging coatings from complex geometries.

### **FEATURES**

- Non-Ozone Depleting
- No Chlorinated Components
- Non-Flammable
- Long Lasting
- Low VOC, Low-Odor

### **PROPERTIES**

<b>PROPERTY</b>	<b>VALUE</b>
Color	Milky Liquid
Specific gravity (@68 °F)	1.02-1.06 g/cc
Application	Immersion
pH	2.0-2.4
Flash Point	200 °F
Typical Immersion Time	3-4 hours
VOC Content	25%
Solids	< 1%
NSN 8010-01-579-0893	5 gallon
NSN 8010-01-579-0894	55 gallon

## **APPLICATION**

D-Zolve 917 is supplied as a concentrate. Water may be added to dilute the stripper as much as 50%, but the solution may also be used as received.

Factors influencing dissolving time include coating thickness, uniformity, and powder coating type. Temperature further affects dissolving time. Operating temperature between 130 and 140 °F is recommended (do not exceed the 200 °F flash point). 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 917 evaporates slowly, but keeping the tank covered will extend bath life.

D-Zolve 917 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.

Contact Transene for information on tank design.

## **HEALTH AND ENVIRONMENTAL FACTORS**

Designed to minimize health and environmental risks, D-Zolve 917 is non-carcinogenic, non-flammable, and contains no chlorinated components. It has minimal or no hazardous air pollution potential and is non-ozone depleting.