T-236
DynaSpec™ Epoxy Reducer
MIL-T-81772B Type II

Technical Data Sheet

Intended Uses:

A solvent blend meeting MIL-T-81772B Type II Epoxy Thinner.

Physical Properties

Color:	Clear	**Substrate Tested:**	
Gloss:	This solvent will not effect the gloss of the coating being thinned.	**Salt Spray (B117): Q-Steel panels prepared at a combined primer/top coat system of 3.5-4.5 dft**	T-236 does not affect corrosion resistance.
Volume Solids:	0.0%	**Humidity:**	T-236 does not affect humidity resistance.
Weight Solids:	0.0%	**Weatherometer (UV313B):**	T-236 does not affect weatherometer resistance.
Weight Per Gallon:	7.0 +/- 0.2 lbs/gal	**Pencil Hardness:**	T-236 does not affect hardness.
Theoretical Coverage:	0	**Impact Direct/Indirect:**	T-236 does not affect impact resistance.
VOC:	7.0 lbs/gal	**Dry Heat Resistance:**	T-236 does not affect dry heat resistance.
Recommended Film Thickness:	Apply the coating to the recommended dry film thickness.	**Crosshatch Adhesion:**	T-236 does not affect adhesion.
Viscosity:	Add T-236 as needed to get the optimum application viscosity for the equipment being used.	**Taber Abrasion:**	T-236 does not affect abrasion resistance.

Chemical Resistance

MEK, 100 Double Rubs:	T-236 does not affect MEK resistance.	**10%-Hydrochloric Acid:**	T-236 does not affect hydrochloric acid resistance.
Lubricating and Cutting Oils:	T-236 does not affect oil resistance.	**10%-Acetic Acid:**	T-236 does not affect acetic acid resistance.
Hydraulic Fluids:	T-236 does not affect hydraulic fluid resistance.	**10%-Sodium Hydroxide:**	T-236 does not affect sodium hydroxide resistance.
Water Immersion:	T-236 does not affect water resistance.	**Gasoline:**	T-236 does not affect gasoline resistance.

Application Characteristics

Mix Ratio:	Follow appropriate mil specification for proper mixing of the coating.			
Reducer:	Thin as needed with T-236 to obtain the desired viscosity and VOC.			
Cleaning Solvent:	Equipment can be cleaned with T-236.			
Pot Life:	T-236 should not have an adverse affect on pot life but it is always best to test by mixing a small sample to insure it works in your process.			
Dry Times:	**Touch:** T-236 will not change the dry to touch time of the coating being thinned.	**Recoat:** T-236 will not change the recoat time of the coating being thinned.	**Handle:** T-236 will not change the dry to handle time of the coating being thinned.	**Pack/Ship:** T-236 will not change the dry to pack/ship time of the coating being thinned.
Force Cure:	Follow the instructions for the product being thinned for force cure recommendations.			
Full Cure:	Follow the instructions for the product being thinned for full cure recommendations.			
Note: Test Performed @ 77° F 50% Relative Humidity				

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Recommended Primers

Substrate	**Recommended Primer:** Follow the instructions for the product being thinned for primer recommendations.
Aluminum/Galvanized Steel/Stainless Steel:	Follow the instructions for the product being thinned for primer recommendations.
Ductile or Grey Iron Castings:	Follow the instructions for the product being thinned for primer recommendations.
Plastics:	Follow the instructions for the product being thinned for primer recommendations.
Previously Painted Surfaces:	Surface should be intact and sound. All loose and flaking material removed and bare spots primed with an appropriate primer. An area should be tested with the coating to assure compatibility.
Steel:	Follow the instructions for the product being thinned for primer recommendations.
Wood:	Follow the instructions for the product being thinned for primer recommendations.

Application Equipment

Conventional Electrostatic:	**Air Pressure:** Follow the instructions for the product being thinned for air pressure recommendations.	**Fluid Pressure:** Follow the instructions for the product being thinned for fluid pressure recommendations.	**Cap:** Follow the instructions for the product being thinned for cap recommendations. **Tip:** Follow the instructions for the product being thinned for nozzle recommendations.
Conventional Spray:	**Air Pressure:** Follow the instructions for the product being thinned for air pressure recommendations.	**Fluid Pressure:** Follow the instructions for the product being thinned for fluid pressure recommendations.	**Cap:** Follow the instructions for the product being thinned for cap recommendations. **Tip:** Follow the instructions for the product being thinned for nozzle recommendations.
HVLP Spray:	**Air Pressure:** Follow the instructions for the product being thinned for air pressure recommendations.	**Fluid Pressure:** Follow the instructions for the product being thinned for fluid pressure recommendations.	**Cap:** Follow the instructions for the product being thinned for cap recommendations. **Tip:** Follow the instructions for the product being thinned for nozzle recommendations.
Air Assisted Airless:	**Air Pressure:** Follow the instructions for the product being thinned for air pressure recommendations.	**Fluid Pressure:** Follow the instructions for the product being thinned for fluid pressure recommendations.	**Cap:** Follow the instructions for the product being thinned for cap recommendations. **Tip:** Follow the instructions for the product being thinned for tip recommendations.
Airless:	**Pressure:** Follow the instructions for the product being thinned for air pressure recommendations.	**Tip:** Follow the instructions for the product being thinned for tip size recommendations.	
Brush and Roll: Thin coating as required for brushing viscosity. The use of natural china bristle brushes or ¼" maximum nap mohair type rollers is recommended to limit the amount of orange peel**.**			
Note: The above parameters are to be used as a guideline only. Customer specific equipment may require a different set-up			

Surface Preparation

Do not apply if the application surface temperature is below 45°F (7°C) or above 110°F (43°C), or if the atmospheric temperature is within 5°F of the dew point. It is highly recommended that sound practices as set forth by SSPC or NACE be followed when preparing a substrate for painting. At a minimum the surface should be clean of all grease, dirt, oil, rust and foreign material that would be detrimental to proper adhesion and desired performance of the coating system being applied.

Safety Precautions

This product is intended for professional use in an industrial environment only! Consult the Material Safety Data Sheet prior to application for detailed information on the health and safety hazards.

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Shelf Life & Storage Conditions

Shelf life (protected from atmospheric moisture): 36 months from the date of manufacture. This product must be stored in accordance with local, state, and national regulations. Preferred storage conditions: Keep containers in a dry space with adequate ventilation.

Comments

The Vapor Pressure of T-236 is 58.8 mm Hg @ 20C. For additional information contact your NCP Coatings, Inc. Sales Representative, Customer Service Representative, or visit our website: www.ncpcoatings.com

Note

The above information is supplied as a guideline to our customers. The user must be aware of the cleaning, pretreatment, application and testing requirements for their specific job!

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