



PRODUCT INFORMATION DATA SHEET

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MIL-T-81772B TYPE I POLYURETHANE REDUCER IS-213

DESCRIPTION: **IS-213** is intended for use in the reduction of MIL-PRF-85285 Aircraft and Support Equipment Polyurethane Coatings.

CHARACTERISTICS¹:

Weight Per Gallon	7.45 lbs
Specific Gravity	0.883
VOC (lbs/gal)	7.43
VOC (g/L)	891
Flash Point (Setaflash)	38°F
Vapor Pressure	26 mmHg @ 68°F

COMPOSITION (by volume):

Methyl Ethyl Ketone	30% min
Butyl Acetate	10% min
Propylene Glycol Methyl Ethyl Acetate ²	40% min
Toluene	12% max
Xylene	8% max

QUANTITATIVE REQUIREMENTS:

Maximum water content	0.2% by wt
Maximum alcohol content	0.6% by wt
Maximum nonvolatile content	0.02 g/100 mL
Minimum flash point (Setaflash)	38°F

MIXING AND APPLICATION INSTRUCTIONS:

Add sufficient amount of **IS-213** to the admixed material to achieve the desired viscosity only after the initial viscosity of the admixed material has been determined. The amount to be added is limited by local VOC regulations and is not to exceed one pint per mixed gallon. Each fluid ounce of **IS-213** adds approximately 26 grams (0.06pounds) of VOC. The addition of **IS-213** will reduce volume solids of the mixed paint. Due to this reduction, achievement of the specified dry film thickness may require thicker wet films or multiple applications. End users must confirm proper dry film thickness is achieved by physical measurement.

POT LIFE: Addition of **IS-213** may extend the pot life of the mixed material by a dilution effect. **Do not add IS-213** to the admixed material that is approaching the end of its pot life.

SHELF LIFE: No shelf life requirement for this product is specified.

For Health, Safety, Proper Handling and Disposal, refer to the MSDS

- 1 Not specification values. Characteristics are theoretical calculated values based on written formulas and material properties reported to Deft, Inc. by raw material suppliers.
- 2 3-ethoxypropionate or oxy-hexylacetate are acceptable substitutes.
- 3 Storage temperature 35 – 115 degrees F



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