

IS-213 Polyurethane Reducer

Product description

IS-213 Polyurethane Reducer, qualified to MIL-DTL-81772 Type I, can be used to improve spray characteristics and film appearance of polyurethane topcoats. IS-213 is compatible with polyurethane topcoats qualified to MIL-PRF-85285 and other similar material specifications.

Specifications



IS-213 is qualified to:

- MIL-DTL-81772 Type I

Note: PPG Aerospace recommends you check the most recent specification QPLs for updated information.

Product compatibility:

IS-213 is compatible with the following specifications:

- GC130N
- GP110AEF
- MIL-PRF-85285 Type I, II & IV
- MMS-420

Instructions for use



Mixing 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.

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.

Note: It is important to condition the paint for 24 hours prior to mixing by placing all materials in the shop or hangar, with ambient temperatures between 13° to 35°C (55° to 95°F). The minimum temperature of the paint components should be 13°C (55°F) prior to mixing.



Induction time:

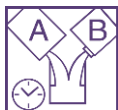
Not required

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Viscosity: (23°C/73°F)

Not required



Pot life:

Not required

Physical properties (product)



Color: Clear



Gloss: Not applicable



VOC (EPA method 24):

IS-213

889 grams/liter

Physical constants:

Weight/gallon

7.45 pounds/gallon

Vapor pressure

26 mmHg at 20°C (68°F)



Flash point closed cup:

IS-213

3°C (38°F)

Shelf life:

24 months from date of manufacture for PRC-DeSoto Standard

Note: Shelf life is provided for original, unopened containers

Note: The application and performance property values above are typical for the material, but not intended for use in specifications or for acceptance inspection criteria because of variations in testing methods, conditions and configurations.

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Storage recommendations



Inspect the condition of the container to ensure compliance. The material should be stored at temperatures between 5°C to 35°C (41°F to 95°F) to ensure shelf life.

Note: When procuring to a qualified material specification, follow those storage instructions.

Health precautions

This product is safe to use and apply when recommended precautions are followed. Before using this product, read and understand the Safety Data Sheet (SDS), which provides information on health, physical and environmental hazards, handling precautions and first aid recommendations. An SDS is available on request. Avoid overexposure. Obtain medical care in case of extreme overexposure.

For industrial use only. Keep away from children.

Additional information can be found at: www.ppgaerospace.com

For sales and ordering information call the local PPG office at the numbers listed below:

Asia Pacific

ASC – Australia
Tel 61 (3) 9335 1557
Fax 61 (3) 9335 3490

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Fax (86-512) 6661 6868

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All recommendations, statements, and technical data contained herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. User shall rely on his own information and tests to determine suitability of the product for the intended use and assumes all risks and liability resulting from his use of the product. Seller's and manufacturer's sole responsibility shall be to replace that portion of the product of this manufacturer which proves to be defective. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss, or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements other than those contained in a written agreement signed by an officer of the manufacturer shall not be binding upon the manufacturer or seller.

This document has been reviewed by the PPG Aerospace Export Control Department and has been determined to contain only EAR99 controlled data.

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