

TECHNICAL DATA

PR-1543 Adhesion Promoter

Description

PR-1543 is an adhesion promoter to enhance the coupling characteristics of PRC-DeSoto polyurethane compounds to polyvinyl chloride insulation.

PR-1543 is a one-part compound suitable for application by brush. The material dries at room temperature in approximately 30 minutes.

The following tests are in accordance with PRC-DeSoto International specification test methods.

Application Properties (Typical)

Color	Brown
Viscosity (Brookfield #2 @ 10 rpm), Poise (Pa-s)	1.0 (0.10)
Dry Time 72°F (22°C) to 82°F (28°C)	30 minutes min 4 hours max

Performance Properties (Typical)

Specific gravity	1.24
Nonvolatile content, %	99

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.

Surface Preparation

Immediately before applying PR-1543 adhesion promoter to polyvinyl chloride insulation, the surface should be tackified with methyl ethyl ketone. Contaminants such as dirt, grease, and/or processing lubricants must be removed prior to adhesion promoter application.

Apply a thin coat of PR-1543 to the tackified surface by brush and allow to dry for approximately 30 minutes at standard temperature. After drying time, wipe off excess PR-1543 with a clean gauze pad and start the potting procedure. If primed surface becomes contaminated or potting is not accomplished with 4 hours after application of the primer, repeat priming procedure.

For a more thorough discussion of proper surface preparation, please consult the SAE Aerospace Information Report AIR 4069. This document is available through SAE, 400 Commonwealth Avenue, Warrendale, PA 15096-0001.

Packaging Options

PR-1543 is supplied in one-part containers.

Storage Life

The storage life of PR-1543 is at least 6 months when stored at temperatures between 40°F (5°C) and 80°F (27°C) in original, unopened containers.

The material is hygroscopic and must be kept free of moisture. It should be discarded if a dark, grainy precipitate is formed.

Health Precautions

This product is safe to use and apply when recommended precautions are followed. Before using this product, read and understand the Material Safety Data Sheet (MSDS), which provides information on health, physical and environmental hazards, handling precautions and first aid recommendations. An MSDS 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
1-800-AEROMIX (237-6649).

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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.

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