PR-1523-M Adhesion Promoter

Description
PR-1523-M is an adhesion promoter to enhance the coupling characteristics of polyurethane compounds to neoprene surfaces.

PR-1523-M 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)

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Brown</td>
</tr>
<tr>
<td>Viscosity</td>
<td>1.3 (0.13)</td>
</tr>
<tr>
<td>Dry Time, hours</td>
<td>1/2 minimum</td>
</tr>
<tr>
<td>72°F (22°C) to 82°F (28°C)</td>
<td>4 maximum</td>
</tr>
</tbody>
</table>

Performance Properties (Typical)

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific gravity</td>
<td>1.04</td>
</tr>
<tr>
<td>Nonvolatile content, %</td>
<td>50 minimum</td>
</tr>
</tbody>
</table>

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-1523-M adhesion promoter to neoprene, the surface should be abraded with a suitable abrasive. Contaminants such as dirt, grease, and/or processing lubricants must be removed prior to adhesion promoter application.

Apply a thin coat of PR-1523-M to the surface by brush and allow to dry for approximately 30 minutes at standard temperature. After drying time, wipe off excess PR-1523-M 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.

Packing Options
PR-1523-M is supplied in one-part containers.

Storage Life
The storage life of PR-1523-M 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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