

## RECC™ 1015 Chrome-Free Deoxidizer

### Product description

RECC™ 1015 is a chrome-free metal surface pretreatment that deoxidizes aluminum alloy surfaces for subsequent conversion coating and paint application.

- Free of chromates and other chromium compounds
- Single package, aqueous solution designed for spray application to aluminum alloy surfaces
- Used with RECC™ 3021 Chrome-free conversion coating

### Components



#### **Mix ratio (by volume):**

RECC 1015

Single component

### Specifications



RECC 1015 is listed on the following:

- F-15 Technical Order 1F-15A-23  
Rev 28

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

### Surface preparation and pretreatments



Refer to application guidelines section of this document.

### Instructions for use



#### **Mixing instructions:**

Single component. Stir before use.

*Note: It is important to condition the product for 24 hours prior to use by placing in the shop or hangar, with ambient temperatures between 13° and 35°C (55° to 95°F). The minimum temperature of the product should be 13°C (55°F) prior to using.*

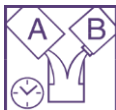
# RECC™ 1015 Chrome-Free Deoxidizer

**Induction time:**

Not applicable

**Viscosity:** (23°C/73°F)

- 0.87 to 0.90 centipoise

**Pot life:**

Not applicable

## Application guidelines

**Optimum recommended application conditions:**

Temperature	15 - 30°C (59 - 86°F)
Relative Humidity	20 - 90%

**Application:**

- Apply *RECC* 1015 in a well-ventilated area with adequate airflow.
- Clean the aluminum alloy surface by solvent wiping to remove dirt, oils, and ink markings. Allow the surface to dry.
- Spray apply *RECC* 1015 to water break-free, clean surface (i.e. free of oils/inks) until surface is adequately saturated.
- Keep surface saturated with *RECC* 1015 for three minutes, reapplying as needed to keep surfaces wet. Reapply *RECC* 1015 to all surfaces on the third minute.
- After application, allow surface to air dry for seven minutes in well-ventilated area with adequate airflow. Dab areas dry where solution puddles using appropriate, lint-free cloth, or blow off areas using clean compressed air.
- Rinse surface using room temperature DI, RO, or tap water for five minutes.
- Apply *RECC* 3021 conversion coating to rinsed surface while it is still wet. Follow the application instructions of *RECC* 3021 conversion coating.
- Apply primer to the *RECC* 3021 conversion coating treated surface following the appropriate dry-to-prime window.
- Apply topcoat to the primer following the appropriate dry-to-topcoat window.

*These application guidelines represent PPG's best advice in standard conditions. Some parameters will be influenced by environmental conditions, equipment settings, and other variables.*

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## Equipment:

RECC 1015 can be applied with a plastic spray wand.

## Equipment cleaning:

Clean equipment and tools with water.

## Physical properties (product)



**Color** Clear



**Gloss** Not applicable



## Dry times:

- Refer to application guidelines section.



## VOC:

RECC 1015 0 grams/liter



## Flash Point closed cup:

RECC 1015 Not applicable

## Shelf Life:

12 months from date of manufacture to most OEM material specifications. Consult the specification to verify shelf life requirements.

*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](http://www.ppgaerospace.com)**

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

### **Asia Pacific**

#### **ASC – Australia**

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Fax 61 (3) 9335 3490

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Fax (86-512) 6661 6868

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1 (818) 362-6711 or 1-800-AEROMIX

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#### **ASC – North Europe**

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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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