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**Product Name:** Rockhard Chromate baking Primer

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**Product Number:** 700-155-003

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**EU REACH Status:** Contains CAS: 49663-84-5 which is classified as a SVHC which will be restricted to authorised users or banned under the REACH chemical restriction process.

We successfully applied for Authorisation for continued aerospace use after the Sunset date of January 2019 through ECHA who have granted an extension of 12 years .

REACH Authorisation Number 19/26/01 ( IP also holds 19/26/00 for its own use )

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**Product Description:** Rockhard Chromate Primer has seen 40+ years service in the Aerospace Industry. Although the trend generally is away from Chromates, this industry has found nothing to beat the anti-corrosive properties of this primer and associate topcoat system.

700-155-003 is suitable for use on Magnesium alloys, Steel, Aluminium and other metals.

Usually used in conjunction with other Rockhard stoving products as part of a multi-coat system, for example British Aerospace aircraft under carriages such as the 748, 125 etc.

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**Approvals/Specifications:**

- MSRR 9226, OMat 7/98A
- AFS 538
- British Aerospace BAE 3506 (S26.3506)
- Turbomeca within CT6010 to LB 714
- Previous Reference: 444 / 3097
- NSN: 8010-99-225-3338; 8010-99-756-0842
- Replaces 588-0060-3 for Rolls Royce

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**Performance:** Meets the requirements of multiple specifications to include:

- Salt Spray; 1,000 hours to ASTM-B117
- Heat Resistance: 1000 hours @ 220°C

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- Low Temperature Resistance: 24 hours @ -50°C
- Hydraulic Fluid (Skydrol) Resistance: 168 hours @ 70°C followed by 1,500 grams scratch
- Aerospace Fuel Resistance: 48 hours @ 40±2°C

## Application:

### Surface Preparation:

Substrate must be clean, dry and grease free. To be applied over bare metal or chromate treated substrate. Bare metal adhesion is improved through abrasion or grit blasting.

### Paint Preparation:

Single Pack Product. May be applied at supply viscosity. Thinning with up to 5-10% 665-550-025 may be required upon application.

### Application Method:

Apply by spray; conventional or HVLP. For full details, refer to Indestructible Application Guide IPAS-21. Request RPS 661/21 for Rolls Royce Parts.

### Drying Curing:

Used as part of a Primer/Topcoat system.

Intermediate Coats: Flash off for 15 minutes, part cure for 30 minutes @ 150°C

Final Cure: 1 hour @ 180-190°C

## Technical Properties:

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| <b>Supply Viscosity:</b><br>(Reference Only) | 40-50s, ISO4 Cup @ 23°C<br>14-22s, ISO5 Cup @ 23°C |
| <b>Flash Point:</b>                          | 24°C   |
| <b>VOC Content:</b>                          | 565 g/litre  |
| <b>Colour:</b>                               | Green  |
| <b>Pack Size:</b>                            | 1 & 5 Litre  |
| <b>Density:</b>                              | 1.22 kg/litre                                      |
| <b>Gloss:</b>                                | Matt Primer  |
| <b>Thinner:</b>                              | 665-550-025  |
| <b>Solvent/Clean Up:</b>                     | 40006 Gun Cleaner                                  |
| <b>Catalyst:</b>                             | N/A  |
| <b>Theoretical Coverage:</b>                 | 14.5m <sup>2</sup> / litre @ 25 micron             |

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**Storage:**

Highly flammable liquid: store and use in accordance with the flammable liquid regulations

**Shelf Life:** 12 months temperate; 6 months tropical

**Before use, refer to Product Safety Data Sheet**

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**Safety Data Sheets:**

For Safety Data Sheets please contact our Sales Department:

Tel: +44(0)121 702 2485

Email: [sales@indestructible.co.uk](mailto:sales@indestructible.co.uk)