

## Technical data sheet

|                            |  |
|----------------------------|--|
| <b>Date</b>                | : 11/18/2013   |
| <b>Product Name</b>        | : <b>Interpon A4701</b>  |
| <b>Product Code</b>        | : <b>QN014QF</b>   |
| <b>Color</b>               | : <b>Black – Interpon A4701</b>  |
| <b>Product Description</b> | : <b>Interpon A4701 wheel primer</b> is a series of performance engineered powder coatings designed for the highest automotive OEM standards for aluminum wheels. They provide excellent smoothness and appearance, corrosion and chemical resistance and mechanical properties. <b>InterponA 4701 Primers</b> are smooth and out gassing resistant and are excellent for fully painted wheel systems. They come in customized color or in the standard color white and black. |

## Powder properties

|                            |                             |
|----------------------------|-----------------------------|
| <b>Type</b>                | : Polyester/TGIC            |
| <b>Gloss</b>               | : 85 min                    |
| <b>Specific gravity</b>    | : 1.22 +/-0.05              |
| <b>Coverage at 1.0 mil</b> | : 157.62 sq.ft./lb./mil     |
| <b>Storage</b>             | : ≤ 80° F                   |
| <b>Shelf life</b>          | : 12 months                 |
| <b>Cure Schedule</b>       | : 15 minutes at 375° F (MT) |

## Test Conditions

|                           |   |
|---------------------------|---|
| <b>Substrate</b>          | : Aluminum  |
| <b>Pretreatment</b>       | : Conversion coating  |
| <b>Cure schedule</b>      | : 15 minutes at 375° F (MT)   |
| <b>Dry film thickness</b> | : 2.0-4.0 mils  |
| <b>Testing condition</b>  | : The results shown above are based on mechanical and chemical tests which (unless otherwise indicated) have been carried out under laboratory conditions and are given for guidance only. Actual product performance will depend upon the circumstances under which the product is used. |

## Mechanical tests

|                            |                |            |
|----------------------------|----------------|------------|
| <b>Flexibility</b>         | : 1/8" mandrel | ASTM D522  |
| <b>Adhesion</b>            | : 100%         | ASTM D3359 |
| <b>Hardness</b>            | : H-2H         | ASTM D3363 |
| <b>Impact (reverse)</b>    | : 80 inch-lbs  | ASTM D2794 |
| <b>Impact (direct)</b>     | : 80 inch-lbs  | ASTM D2794 |
| <b>Exterior Durability</b> | : Yes          |            |

## Substrate pre-treatment

Aluminum substrate must be clean and free from grease. For maximum protection, it is essential to pre-treat components prior to the application of **Interpon A4701**. OEM aluminum wheels, require a non-chromate conversion coating prior to application of Interpon **A4701** coatings.

## Application

**Interpon A4701** powders can be applied by manual or automatic electrostatic spray equipment. Unused powder can be reclaimed using suitable equipment and recycled through the coating system.

## Safety Precautions

Please consult the Material Safety Datasheet (MSDS)

### **FOR PROFESSIONAL USE ONLY**

**IMPORTANT NOTE:** The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advices given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

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