



DRIVING SURFACE PERFECTION

RAPTOR ADHESION PROMOTER AEROSOL

RPTAP/AL

Version: 4.0

Date of issue: 07/03/2018 Revision date: 22/09/2021 Supersedes: 22/03/2020



TECHNICAL DATASHEET

Promotes paint adhesion to most automotive surfaces, like plastics, aluminum, galvanized metal, zinc, painted surfaces, fiberglass and even body fillers. Replaces the need to abrade surfaces in hard-to-sand areas, like under hoods and deck lids.

- Excellent adhesion characteristics.
- Sprays flat.
- Can be topcoated with most water or solvent based paint systems.
- Promotes adhesion to areas of substrates that require abrasion but are hard to reach.

| Product | Order Code | Format | Shelf Life |
|----------------------------------|------------|---------------|------------|
| RAPTOR ADHESION PROMOTER AEROSOL | RPTAP/AL | 450ml Aerosol | 5 years |

APPLICATION INFORMATION



IMPORTANT: FOR PROFESSIONAL USE ONLY. Read full instructions before use. This product contains hazardous materials and therefore appropriate personal protective equipment should always be used. Please refer to the label and consult the safety data sheet for full handling instructions and personal protection information.



Surface Preparation



| Substrate | Degreaser | Abrasion |
|-----------------------------------|-----------------------------------|-------------------|
| Bare Steel | SYSTEM 20 Solvent-Based Degreaser | Please refer to * |
| Aluminium | SYSTEM 20 Solvent-Based Degreaser | Please refer to * |
| Galvanised | SYSTEM 20 Solvent-Based Degreaser | Please refer to * |
| OEM paint | SYSTEM 20 Solvent-Based Degreaser | Please refer to * |
| SMC, Fibreglass / GRP, Fibreglass | SYSTEM 20 Water-Based Degreaser | Please refer to * |
| Lightly abraded E-Coat | SYSTEM 20 Solvent-Based Degreaser | Not required |
| Paintable plastics | SYSTEM 20 Water-Based Degreaser | Please refer to * |

For best results, good preparation is essential. Clean and degrease removing dirt, oil, grease and wax using cleaning solutions such as U-POL's SYSTEM 20 Degreasers. *Prepare substrate as required by the subsequent primer/topcoat technical data sheet. Re-clean, dry and degrease the abraded substrate ready for application.

Mixing



Shake the aerosol can for at least 2 minutes before use.

Number of Coats



| | |
|--|---|
| Distance from the surface | 25 cm / 10 inches |
| Application Temperature | 20 °C / 70 °F |
| Coats | 1 – 2 |
| Flash-off at 20°C | 10 minutes between coats |
| Total Dry Film Thickness | 2 µm / 0.1 MIL |
| Theoretical Coverage @ indicated DFT* | 2.0 m ² /unit |
| | *Theoretical Coverage per unit assuming 100% transfer efficiency and giving the dry film thickness at the indicated values. |

Drying Time



Overpainting



This formulation can be directly overcoated without sanding with most water/solvent-based paint systems.
Overcoatable at 20°C after > 20 minutes

TECHNICAL INFORMATION

Physical properties



| | |
|-----------------------|-------------------------|
| Appearance | aerosol. |
| Colour | Colourless |
| Density | 0.772 g/cm ³ |
| Percent Solids | 1.08 wt% |

VOC Information



VOC Category (2004/42/CE) Special Finishes, product category IIB(e), max. limit 840 g/l
 The VOC content of this product as received is 762 g/l. The VOC content of this product in ready to use form is 762 g/l.

Storage

Aerosol cans should be stored for two hours at room temperature before use. For long term storage, keep in a dry well ventilated area and away from direct sunlight and frost. To clear the nozzle and maximise the lifespan of your aerosol, always invert the can and spray upside down for a few seconds after each use. Should the nozzle become blocked, remove it from the can and soak it in gentle thinners.



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Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool. Keep only in original container.

Recommended storage temperature 5 °C - 25 °C

Associated Products



Product

SYSTEM 20 Water-Based Degreaser
 SYSTEM 20 Solvent-Based Fast Degreaser
 SYSTEM 20 Solvent-Based Slow Degreaser
 SYSTEM 20 Solvent-Based Slow Degreaser
 WIPE #6 Solvent-Based Degreaser Aerosol
 MAXIMUM Professional Lint-Free Solvent Wipes
 MAXIMUM Tack Cloths
 MAXIMUM Tack Cloths
 MAXIMUM Premium Masks
 MAXIMUM Painters Overalls
 MAXIMUM Painters Overalls
 MAXIMUM Painters Overalls
 MAXIMUM Painters Overalls
 MAXIMUM Painters Overalls

Order Code

S2000/5
 S2001/5
 S2002/1
 S2002/5
 WIPE/AL
 MWPP/350
 TRAG/10
 TRAG/50
 RESPV
 COVER/M
 COVER/L
 COVER/XL
 COVER/XXL
 COVER/XXXL

Format

5L Canister
 5L Tin
 1L Tin
 5L Tin
 450ml Aerosol
 100-pack
 10-pack
 50-pack
 1-pack
 1-pack
 1-pack
 1-pack
 1-pack
 1-pack

U-POL disclaims any liability where the user does not wear the recommended personal protective equipment. The above data is for information only and may change without prior notice. It is the Buyers responsibility to ensure the suitability of the products for their own use and check the information is up to date. The recommendation of use of our products and application in our technical data sheets are based on our knowledge and experience. These data sheets are available via your local stockist or via the U-POL website at WWW.U-POL.COM. U-POL is not responsible for the results obtained by others over whose methods we have no control and thereof U-POL is not liable for consequential or incidental damages including loss of profits. U-POL is not liable for mis-use or abuse of its products and no application warranty is expressed or implied.



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