



RAPTOR 1K TRUCK BED COATING BLACK AEROSOL

UP4879



DRIVING SURFACE PERFECTION Version: 3.0 Date of issue: 02/04/2020 Revision date: 30/03/2021 Supersedes: 02/11/2020

TECHNICAL DATASHEET

RAPTOR Truck Bed Coating is ideal for protecting truck beds and other vehicle surfaces from impact, scratches, corrosion and water damage. Its 1K formulation gives a durable, abrasion resistant finish with excellent adhesion to metal, aluminum, fiberglass, plastic and wood. Clog free and easy to use, it dries to form an attractive, textured finish that resists fading from the sun.

- Textured finish.
- Durable, impact & abrasion resistant 1K coating.
- Ideal for truck beds, tail gates, running boards, fender flares and more.

Product	Order Code	Format	Shelf Life
RAPTOR 1K TRUCK BED COATING BLACK AEROSOL	UP4879	492ml Aerosol	5 years

APPLICATION INFORMATION



FOR PPE RECOMMENDATIONS REFER TO SDS

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

Bare Steel*
 Aluminum*
 Galvanised*
 Prepared OEM surfaces
 SMC, Fiberglass
 Lightly abraded E-Coat
 Most Plastics**
 Wood

Degreaser

SYSTEM 20 Solvent-Based Degreaser
 SYSTEM 20 Solvent-Based Degreaser
 SYSTEM 20 Solvent-Based Degreaser
 SYSTEM 20 Solvent-Based Degreaser
 SYSTEM 20 Water-Based Degreaser
 SYSTEM 20 Solvent-Based Degreaser
 SYSTEM 20 Water-Based Degreaser
 Not required

Abrasion

P80 - P120
 P120
 P120
 P80 - P120
 P80 - P120
 Not required
 P120
 Not required

For best results, good preparation is essential. Clean and degrease removing dirt, oil, grease and wax with cleaning solutions such as U-POL's SYSTEM 20 Degreasers (please check local VOC regulations). Abrade with grit paper as stated above for each respective substrate. Re-clean, dry and degrease the abraded substrate ready for application. *For optimum results, apply 1-2 light even coats of RAPTOR Acid Etch Primer, allowing 20 minutes drying time before application. **Plastics should be treated with an adhesion promoter such as RAPTOR Adhesion Promoter Aerosol. PLEASE NOTE: this product is not recommended for application over thermoplastic acrylics.

Mixing



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

Application



Application Temperature
Distance from the surface
Number of Coats
Flash-off at 70°F
Total Dry Film Thickness
Theoretical Coverage @ indicated DFT*

20 °C / 70 °F
 30 cm / 12 inches
 1 – 2
 10 – 15 minutes between coats
 140 µm / 5.5 MIL
 0.8 m²/unit / 8.5 ft²/unit
 *Theoretical Coverage assuming total dry film thickness is attained at 100% transfer efficiency.

Drying Time



PLEASE NOTE: drying times are dependent upon film thickness, humidity and temperature.

Touch Dry at 70°F < 60 minutes
Dry-Through at 70°F 3 – 4 hours

Overcoating



This formulation can be directly overcoated without sanding with most water/solvent-based paint systems.

Overcoatable at 70°F after 3 – 4 hours

TECHNICAL INFORMATION

Physical properties



Appearance Aerosol.
Color Black
Density 0.96 g/cm³





RAPTOR 1K TRUCK BED COATING BLACK AEROSOL

UP4879



DRIVING SURFACE PERFECTION Version: 3.0 Date of issue: 02/04/2020 Revision date: 30/03/2021 Supersedes: 02/11/2020

TECHNICAL DATASHEET

	<p>Maximum Incremental Reactivity (MIR) 0.63 MIR EPA Aerosol Category FCP 1.2 - Flat Coating MIR CARB Aerosol Category FCP 0.80 - Flat Coating - General Coatings</p> <p>As Packaged Regulatory VOC 545 g/l (4.5 lbs/gal) As Packaged Actual VOC 496 g/l (4.1 lbs/gal) As Applied Regulatory VOC 545 g/l (4.5 lbs/gal) As Applied Actual VOC 496 g/l (4.1 lbs/gal) Percent Solids 30.29 wt% Percent Solids 22.40 vol % Volatiles 69.7 wt% Water Content 0 wt% Water Content 0 vol % Exempt Compounds by weight 10.0 wt% Exempt Compounds by volume 8.9 vol % % EPA HAPS 4.1 wt%</p>																					
<p>Storage</p> 	<p>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.</p> <p>Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Keep container tightly closed. Keep cool.</p> <p>Recommended storage temperature 40 °C - 75 °F</p>																					
<p>Associated Products</p> 	<table border="1"> <thead> <tr> <th>Product</th> <th>Order Code</th> <th>Format</th> </tr> </thead> <tbody> <tr> <td>SYSTEM 20 Water-Based Degreaser</td> <td>UP2002</td> <td>5L Canister</td> </tr> <tr> <td>SYSTEM 20 Solvent-Based Fast Degreaser</td> <td>UP2012</td> <td>5L Tin</td> </tr> <tr> <td>SYSTEM 20 Solvent-Based Slow Degreaser</td> <td>UP2022</td> <td>5L Tin</td> </tr> <tr> <td>WIPE #6 Solvent-Based Degreaser Aerosol</td> <td>UP0872</td> <td>450ml Aerosol</td> </tr> <tr> <td>RAPTOR Acid Etch Primer Aerosol</td> <td>UP5023</td> <td>450ml Aerosol</td> </tr> <tr> <td>RAPTOR Adhesion Promoter Aerosol</td> <td>UP5024</td> <td>450ml Aerosol</td> </tr> </tbody> </table>	Product	Order Code	Format	SYSTEM 20 Water-Based Degreaser	UP2002	5L Canister	SYSTEM 20 Solvent-Based Fast Degreaser	UP2012	5L Tin	SYSTEM 20 Solvent-Based Slow Degreaser	UP2022	5L Tin	WIPE #6 Solvent-Based Degreaser Aerosol	UP0872	450ml Aerosol	RAPTOR Acid Etch Primer Aerosol	UP5023	450ml Aerosol	RAPTOR Adhesion Promoter Aerosol	UP5024	450ml Aerosol
Product	Order Code	Format																				
SYSTEM 20 Water-Based Degreaser	UP2002	5L Canister																				
SYSTEM 20 Solvent-Based Fast Degreaser	UP2012	5L Tin																				
SYSTEM 20 Solvent-Based Slow Degreaser	UP2022	5L Tin																				
WIPE #6 Solvent-Based Degreaser Aerosol	UP0872	450ml Aerosol																				
RAPTOR Acid Etch Primer Aerosol	UP5023	450ml Aerosol																				
RAPTOR Adhesion Promoter Aerosol	UP5024	450ml Aerosol																				

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.

For additional technical assistance, please contact the U-POL Technical Department at technicalsupport@u-pol.com

U-POL US Inc
108 Commerce Way
Easton, PA 18040 - United States
T 1-800-340-7824 - F 1-800-787-5150
technicalsupport@u-pol.com - www.u-pol.com