

OTTO Cleaner F

Technical Datasheet

Characteristics:	<ul style="list-style-type: none"> ▪ Cleaning metallic materials (plain or powder-coated) of non-cured OTTOCOLL® PU adhesive residues ▪ Very good cleaning and degreasing effect ▪ Dries quickly leaving no residue ▪ Ventilation time not required ▪ Pleasant odour ▪ Compatible with conventional powder coatings 																												
Fields of application:	<ul style="list-style-type: none"> ▪ Removing grease or oil films on metallic substrates 																												
Important information:	The cleaner has been developed for OTTO sealants / adhesives to ensure an optimal adhesion in combination with these.																												
Technical properties:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Density at + 23 °C [g/cm³]</td> <td style="text-align: right; padding: 2px;">~ 0,8</td> </tr> <tr> <td style="padding: 2px;">Shelf life at 23 °C/50 % RH [months]</td> <td style="text-align: right; padding: 2px;">24</td> </tr> </table> <p>These data are not suitable for the issue of specifications. Please contact OTTO-CHEMIE before issuing specifications.</p>	Density at + 23 °C [g/cm ³]	~ 0,8	Shelf life at 23 °C/50 % RH [months]	24																								
Density at + 23 °C [g/cm ³]	~ 0,8																												
Shelf life at 23 °C/50 % RH [months]	24																												
Application information:	<p>Apply the cleaner with a lint-free cotton cloth and remove the uncured adhesive. Powder coated metallic profiles should always be cleaned in lengthwise direction (not rotating). Due to the large number of different powder coatings we cannot exclude that OTTO Cleaner F attacks very sensitive powder coatings. Residues of cured adhesives in the cotton cloths as well as frequent, strong and rotating cleaning facilitates the attack to powder coatings. For this reason we recommend to use always fresh cotton cloths for cleaning.</p> <p>Due to the many possible influences during and after application, the customer always has to carry out trials first.</p> <p>Please observe the recommended shelf life which is printed on the packaging.</p>																												
Packaging:	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="padding: 5px;"></th> <th style="padding: 5px;">100 ml aluminium bottle</th> <th style="padding: 5px;">1,000 ml aluminium bottle</th> <th style="padding: 5px;">5 l tin canister</th> <th style="padding: 5px;">10 l tin canister</th> <th style="padding: 5px;">25 l tin drum with tap hole*</th> <th style="padding: 5px;">200 l tin drum with tap holes*</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">-</td> <td style="padding: 5px;">REF-50</td> <td style="padding: 5px;">REF-55</td> <td style="padding: 5px;">REF-58</td> <td style="padding: 5px;">REF-60</td> <td style="padding: 5px;">on request</td> <td style="padding: 5px;">on request</td> </tr> <tr> <td style="padding: 5px;">Packaging unit</td> <td style="padding: 5px;">15</td> <td style="padding: 5px;">5</td> <td style="padding: 5px;">1</td> <td style="padding: 5px;">1</td> <td style="padding: 5px;">1</td> <td style="padding: 5px;">1</td> </tr> <tr> <td style="padding: 5px;">Pieces per pallet</td> <td style="padding: 5px;">-</td> <td style="padding: 5px;">-</td> <td style="padding: 5px;">82</td> <td style="padding: 5px;">50</td> <td style="padding: 5px;">-</td> <td style="padding: 5px;">-</td> </tr> </tbody> </table> <p>* OTTO Drain cock 2" with venting (AERO-FLOW) sold separately</p>		100 ml aluminium bottle	1,000 ml aluminium bottle	5 l tin canister	10 l tin canister	25 l tin drum with tap hole*	200 l tin drum with tap holes*	-	REF-50	REF-55	REF-58	REF-60	on request	on request	Packaging unit	15	5	1	1	1	1	Pieces per pallet	-	-	82	50	-	-
	100 ml aluminium bottle	1,000 ml aluminium bottle	5 l tin canister	10 l tin canister	25 l tin drum with tap hole*	200 l tin drum with tap holes*																							
-	REF-50	REF-55	REF-58	REF-60	on request	on request																							
Packaging unit	15	5	1	1	1	1																							
Pieces per pallet	-	-	82	50	-	-																							
Safety precautions:	Please observe the material safety data sheet.																												
Disposal:	Information about disposal: Please refer to the material safety data sheet.																												

Warranty information:

All information in this publication is based on our current technical knowledge and experience. However, since conditions and methods of use and application of our products are beyond our control, we suggest that you test the product before final use. Information given in this technical data sheet and explanations of OTTO-CHEMIE in connection with this technical data sheet (e.g. service description, reference to DIN regulations etc.) is not to be seen as a warranty. Warranties require a separate written declaration of OTTO-CHEMIE to prove their validity. The characteristics stated in this data sheet define the characteristics of the article broadly and conclusively. Suggestions of use are not to be taken as confirmation of the appropriateness for the recommended intended use. We reserve the right to alter the product, adjusting it according to technical progress and new developments. We are at your disposal both for inquiries as well as specific application problems. If a governmental approval or clearance is necessary for the application of our products, the user is responsible for the obtainment of such. Our recommendations do not excuse the user from the obligation to take into consideration the possibility of infringement of third parties' rights and - if necessary - resolving it. For the rest our general terms and conditions apply, in particular regarding a possible liability for defects. You can find our general terms and conditions on our homepage: <http://www.otto-chemie.de/en/terms-and-conditions>

