Coating Remover

Product Features

Description
F2 Coating Remover is a chemical stripper developed specifically to break down cured and uncured elastomers and polymers based on Zeronic™. Its gel-like consistency allows easy application on vertical surfaces, and coating residues can be removed with a plastic scraper or rinsed off with water.

Recommended Use
Part of the F2 EcoHull Fouling Release System for removing coatings from:

- Uncoated aluminium and alloys, copper, iron and steels.
- Glass, ceramics, gelcoat or epoxy composites.
- **Note:** Attacks many paints, sealants and rubber. Always test first on a small, inconspicuous area.

Composition
Hydrocarbons (C11 to C14, aromatics below 2 %) and alkylbenzenesulfonic acid derivatives. Details in the safety data sheet.

Product Data

Appearance
Amber to brown paste

Flash Point
> 75 °C

Auto-ignition Temperature
> 200 °C

Product Safety

Signal word Danger

H314 Causes severe skin burns and eye damage.

H304 May be fatal if swallowed and enters airways.

Transport UN 2586, Class 8

Safety Precautions
Wear protective gloves, protective clothing and eye and face protection. Do not use in workshops, sheds or other enclosed spaces. Observe the labels and the safety data sheet and follow all local or national safety regulations.
Safety data sheet: f2eco.eu/downloads

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Surface Preparation

Test
It is advisable to always test a small area before full application, in particular to determine the required dwell time.

Preparation
Carefully mask all areas that are not to be treated. These include: anodes, sealants (joints), nylon parts. Although the product is generally safe for gelcoat, epoxy and most metals, prolonged contact with sensitive rubber seals should be avoided. F2 Coating Remover can soften or attack non-silicone sealants (such as Sikaflex).

Ambient Conditions
Do not apply in direct sunlight or on very hot surfaces, to prevent premature drying. Ensure good ventilation during use.

Important
Avoid any contamination with water or oxygenated solvents before application, as this renders the product ineffective.

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Application

Preparation
Ready-to-use gel; do not dilute. Stir gently if needed, but avoid excessive shear forces, which can cause the product to separate.

Handling and Application
- Apply with a brush or spatula
- Apply generously to ensure full coverage
- For very thick layers or warm conditions: cover the treated area with plastic film to increase effectiveness.

Layer Thickness
- Recommended layer thickness: at least as deep as the coating to be removed (at least 200 µm).

Dwell Time and Removal
- **Dwell time:** Usually 12 to 24 hours, depending on the thickness of the coating and the ambient temperature.
- **Removal:** Scrape off the softened residue with a plastic scraper, then rinse the surface thoroughly with water. For particularly thick coatings, repeat the treatment if necessary.

Storage and Disposal

Storage Conditions
F2 Coating Remover has a shelf life of 12 months when stored in sealed original containers between 0 °C and 30 °C. Keep away from heat sources and avoid frost.

Disposal
Excess material and empty containers must be disposed of in accordance with the applicable regulations.

This datasheet applies in the version stated above to the product supplied. The version valid at the time of the order is decisive. It describes the product and its application and does not replace the complete instructions at f2eco.eu. If the documents differ, the following order applies: 1. our written information on the individual project, 2. the instructions, 3. this datasheet. Label and safety data sheet must also be observed.

Substrate, preparatory work, application and conditions of use are beyond our control. Application that deviates from the instructions and the datasheet is not intended use. Damage resulting from it is not a defect of the product. The information in this datasheet is not a guarantee. Delivery, statutory warranty and liability are governed by the General Terms and Conditions of F2 ECO Trading GmbH (f2eco.eu).