



# REMOVALL HIGH PERFORMANCE COATINGS REMOVER SPRAY GRADE

PRODUCT CODE: RRH 510

TECHNICAL DATA SHEET NO: D-10-D

DATE: FEBRUARY 2011

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

<b>Product Description</b>	Water-based paint remover that is biodegradable, user-friendly and environmentally aware.	
<b>Intended Uses</b>	<ul style="list-style-type: none"><li>• Ideal for removing highly cross-linked urethane and epoxy coatings, alkyds, non-skid coatings (100% solid content) and the toughest industrial coatings and linings from all types of metals, including steel, metal alloys and plastic.</li><li>• Extremely effective in removing 2-component high performance coatings used in automobile and heavy industrial applications.</li></ul>	
<b>Features &amp; Benefits</b>	<ul style="list-style-type: none"><li>• Water-based</li><li>• Fully biodegradable</li><li>• Non-flammable</li><li>• Contains no Toxic/Hazardous Air Pollutants</li><li>• Contains no methylene chloride</li><li>• Easy clean up with running water</li><li>• Non-ozone depleting</li><li>• Not regulated by authorities for transportation/storage</li></ul>	
<b>Product Information</b>	Appearance	Emulsion
	Colours	Pale blue
	Flash Point	N/A
	Boiling Point	N/A
	pH	3.5 – 4.5
	VOC Content	444 g/ℓ (theoretical)
	Density	1.05 g/mℓ
	Viscosity	105 KU
	Shelf life	24 months
<b>Application Details</b>	Mixing	Stir thoroughly with a drill mixer until product is uniform in colour and is creamy in consistency (About 1 minute per litre).
	Substrate	Any painted steel, metal alloys and plastic.
	Method	Airless spray application: Use only airless equipment with chemical resistant components, such as HERO 85 SEL or a larger pump. Equip the sprayer with a tip size of 0.019 inches or larger.
<b>Storage &amp; Packaging</b>	Store away from direct sun, heat and severe cold Packaging: 3 ℓ and 20 ℓ	



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## Application

- Apply a thick even layer of **REMOVALL HIGH PERFORMANCE COATINGS REMOVER (SPRAY GRADE)** onto the coating. The layer should be thick enough to hide the surface colour of the coating.
- Apply using a stainless steel or plastic sprayer.
- On thick coatings or glossy/greasy vertical surfaces remove coating in two separate applications.
- First apply a light coat of approximately 0.5mm, and allow it to dwell for 5-30 minutes. Then build the rest of the remover film thickness in a second application.
- Once applied leave the remover alone, as agitation slows down penetration.
- The time required for penetration varies according to the type of paint, and the temperature. Most paint systems require between 2 to 36 hours. **REMOVALL HIGH PERFORMANCE COATINGS REMOVER (SPRAY GRADE)** can be left overnight, but do not allow it to dry out.
- Remove lifted paint by scraper, squeegee, wet/dry vacuum suction system or high pressure (2500 – 3500 psi) water wash. Be careful if using a high pressure washer on porous surfaces as it can harm the surface. Pressure wash from bottom up on vertical surfaces to prevent rinse water from deactivating remover in sections below.
- The treated surface must be rinsed with water to remove all chemical residues before repainting.
- Clean spray equipment by running water through the equipment as soon as the spraying has been completed.
- **RE-APPLICATION:** When there are multiple layers of paint it is possible that there is poor inter-coat adhesion between some layers. Premature lifting may occur at this interface. If this happens, remove the lifted layers and re-apply the remover. Do not rinse with water between applications. Do not allow the remover to dry out. The remover is designed to remain wet and effective over extended periods of time (up to 48 hours), but excessive sunshine, windy conditions or insufficient remover thickness can cause early drying. If the remover starts to dry, re-apply a light coating and allow extra time for completion.
- **TEST PATCH:** Conduct a small test patch in an inconspicuous area to ensure product performance. This will indicate the time required for project completion, suitability of product for paint and substrate, and most effective removal method.

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## Safety

### Precautions

- Always keep remover out of reach of children.
  - Ensure good ventilation during application.
  - Wear protective gloves and goggles while applying.
  - If accidental contact with skin should occur, wash immediately with soap and water or a recognised skin cleaner.
  - Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention.
  - Harmful if swallowed. Seek medical attention and do not induce vomiting.
  - Store in a cool, dry place away from heat and sparks.
  - Refer to Material Safety Data Sheet for complete information.
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### DISCLAIMER:

The recommendations contained herein are given in good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

**NB:** Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

**NB: TO ORDER:** Quote product name, product code number, packaging and colour.

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