



TECHNICAL BULLETIN

GREENSOLV 377

PROFESSIONAL PAINT STRIPPER

1) PRODUCT DESCRIPTION

PROFESSIONAL PAINT STRIPPER is an extremely effective universal coating remover. It will easily strip all types of paints (acrylic latex, urethanes, alkyds, epoxies, polyurethanes, enamels), adhesives (epoxy, urethane & black tar based), stains, varnishes, antifouling coatings and adhesives. It is very universal and can be used on almost any surfaces (some plastics might be affected). In gel, **PROFESSIONAL PAINT STRIPPER** can be either applied with a spray or a brush on horizontal or vertical surfaces. It is biodegradable, has a very low toxicity, is non carcinogenic and non mutagenic. It was developed to replace highly toxic and ozone depleting chemicals (i.e. dichloromethane).

Typical stripping applications:

- Paint (alkyd, latex, urethane) & varnish removal on **wood substrates**;
- **Glue removal** on various substrates (concrete, metals);
- Catalyzed and commercial coating removal and **metal substrates**;

2) BENEFITS

PROFESSIONAL PAINT STRIPPER is a highly effective paint remover based on a mixture of polar and non-polar solvents. This synergetic composition exhibits excellent stripping capabilities without using any harmful CFC.

Its main benefits are:

- High end paint stripper;
- Low usage cost;
- Fully biodegradable;
- Non-corrosive: safe for all metals;
- Easily applied with a brush or an airless pump.
- Coverage of approximately 1,5 to 2,0 m²/kg or 16 to 21.5 ft²/quart.
- Low odor for domestic applications.
- Viscous liquid for maximum contact with vertical surfaces.

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3) PHYSICAL PROPERTIES

Physical appearance.....	Green, viscous liquid
Odor.....	Low
Flash Point (Closed Cup).....	51° C (123.8° F)
Caustic or acid.....	None
Specific Gravity (Water = 1).....	0.89 – 0.95
pH (50% in water)	7-10
Solubility in water.....	Partially soluble
Chlorinated hydrocarbon, phenol, chromate, peroxyde.....	None

4) PROCEDURES

Wood and metal stripping

1. No surface preparation is required (unless extreme conditions).
2. Apply 15 to 20 mils thick of **PROFESSIONAL PAINT STRIPPER** with a brush. Coverage: 1,5 to 2,0 m²/kg or 16 to 21.5 ft²/quart.
3. Let work from 30 minutes to 2 hours (or until coating is ready to be stripped, often only 5 to 10 minutes) at a temperature above 18°C (64°F). The optimum temperature is 20 – 25°C (68 to 77°F).
4. Once paint has blistered, remove with a rag, a brush or a scraper. Apply a second coat if necessary.
5. Wipe away remaining product and paint residue with a cloth. Clean surface with water, mineral spirit or alkaline soap (**DEGREASER & PREPARATION WASH “CONCENTRATE”**).
6. End with fine sandpaper or abrasive, such as « Scotch Brite ». The surface is ready to be painted.
7. Dispose of paint and **PROFESSIONAL PAINT STRIPPER** as per local regulations.

Note : *emulsion paints and coatings will not blister but they are easily removed with a scraper after a dwell time of approximately 15 to 30 minutes.*

Concrete stripping

1. No surface preparation is required (unless extreme conditions).
2. Apply **PROFESSIONAL PAINT STRIPPER** on the surface to be stripped with a long bristles paint brush, a carpet glue applicator or with an airless pump (ex : Graco ST PRO 495). The recommended thickness of **PROFESSIONAL PAINT STRIPPER** to be applied is about the same as the dry film thickness to be removed.
3. Cover with plastic sheet (polyethylene) and make sure there are no air bubbles.
4. Let work for a minimum of 8 hours to a maximum of 48 hours. Verify occasionally if the coating has softened with a scraper.
5. When the coating can be removed with a scraper, take off the plastic film, and start removing the coating.
6. Dispose of paint and **PROFESSIONAL PAINT STRIPPER** as per local regulations.
7. Once the coating has been removed, clean the surface with a brush and an alkaline soap or cleaner. Rinse the surface with water prior to repainting.
8. Finish with sandpaper or abrasive, such as “Scotch Brite”. The surface is ready to be painted.

5) PERSONAL PROTECTION

Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

When sprayed :

- Wear appropriate respirator when ventilation is inadequate. (Approved/certified respirator with organic vapor cartridges.),
- Face shield,
- Chemical resistant protective suit,
- Chemical resistant gloves,
- Boots.

When brushed :

- Wear appropriate respirator when ventilation is inadequate. (Approved/certified respirator with organic vapor cartridges.),
- Safety glasses or splash goggles,
- Long sleeves,
- Chemical resistant gloves.

Try to avoid skin contact by wearing adequate equipment.

6) STORAGE

Store **PROFESSIONAL PAINT STRIPPER** at a controlled temperature of 10° C to 40° C (50° F to 104° F). Keep away from any source of sparks or flames. Store in a closed container when not in use. Keep container dry. The shelf life of the product has been determined to be three (3) years.

7) PACKAGING

<u>FORMAT</u>	<u>PACKAGING</u>	<u>BAR CODE</u>
Aerosol (450 g)	Case of 6	180709000232
Quart (1 L)	Case of 12	180709000249
Gallon (3.78 L)	Case of 4	180709000256