



GREENSOLV inc.

TECHNICAL BULLETIN

GREENSOLV 273D

INDUSTRIAL PAINT STRIPPER (GEL)

1) PRODUCT DESCRIPTION

GREENSOLV 273D is a great catalyzed paint remover which works on a wider variety of coating systems such as epoxies, polyurethanes, alkyds, glues, membranes and enamels.

It is also very universal and can be used on almost any surface (all metals, wood & concrete). In gel, **GREENSOLV 273D is ideal for indoor applications** and for stripping **floor coatings**.

GREENSOLV 273D can be applied with a wide paint brush or with a paint pump. For applications that require a contact time between 2 to 18 hours, we recommend the use of a thin plastic drop-sheet in order to reduce evaporation to a minimum.

Typical stripping applications:

- Metal structures;
- Concrete floors;
- Membrane removal;
- Industrial glue removal;
- Wood surfaces.



Note: Greensolv 273D is often covered with a thin plastic sheet to reduce evaporation and maximize the efficiency.

2) BENEFITS

GREENSOLV 273D is a highly effective paint remover based on a mixture of polar and non-polar solvents with a low evaporation rate. This synergistic composition exhibits excellent stripping capabilities without using any harmful CFC.

Its main benefits are:

- Great to strip industrial coatings
- Non-corrosive: Safe for all metals.
- Biodegradable;
- Low odor for indoor applications;
- Easily applied with a wide paint brush or an airless pump.
- Coverage of approximately 2,2 to 2,9 m²/kg or 85 to 110 ft²/USG.

3) PHYSICAL PROPERTIES

Physical appearance	Light Yellow, transparent gel
Odor.....	Low
Biodegradable.....	Yes
Flash Point (Closed/Open Cup)	38° C/60° C (100.4° F/140° F)
Specific Gravity (Water = 1)	0.90 – 1.00
pH (1% in water)	6- 8
Viscosity	7 000 - 10 000 cPs
Solubility in water.....	Partially soluble
Chlorinated hydrocarbon, phenol, chromate, peroxide.....	None

4) DIRECTIONS FOR USE

Before application :

- Clean any excessive grim from the surface to be stripped.
- Make sure the surface is dry.

Application:

- Apply with a brush or an airless pump, a layer of approximately 15 to 20 mils (300 microns) thick of **GREENSOLV 273C** on the surface to be stripped. Coverage: 2,2 to 2,9 m²/kg or 85 to 110 ft²/USG.
- If needed, cover the paint stripper with a thin plastic drop sheet of 1mil thickness (approx. 0,025mm).
- Let work for a maximum period of 12 to 24 hours or until the paint is stripped. Don't let the paint stripper dry on the surface, reapply if needed. Most coatings will strip within a period of 30 to 120 minutes.
- When the paint has bubbled (or has dissolved), remove it with a scraper, a brush or pressure washer (1000 to 5000 psi). *NOTE: for some applications, water can't be used; ex: when removing lead based paint.*
- Apply a second layer of **GREENSOLV 273D** if needed;
NOTE: it is important that the surface be free of water before applying a fresh coat of GREENSOLV 273D.

Preparing the surface:

Before repainting:

- **Make sure that the surface is free of contaminants before repainting. Use mechanical abrasion to remove remaining paint if required and/ or clean the surface with a water-based alkaline cleaner (ex: **G-MAX 328**).**

Precautions:

- Avoid contact with rubber and plastic surfaces as they may degrade. Do a spot check before putting in contact with those substrates (ex : brake lines and electrical wires). In case of contact, dry as soon as possible.
- Product is slippery on the floor.

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.
- Synthetic apron or long sleeves
- Chemical resistant gloves.

Try to avoid skin contact by wearing adequate equipment.

6) STORAGE

Store **GREENSOLV 273D** at a controlled temperature of 0° C to 30° C (50° F to 104° F). Keep away from any source of sparks or flames. Store in a sealed container. Keep container dry. The shelf life of the product has been determined to be three (3) years.

7) PACKAGING

GREENSOLV 273D is available in :

- 2 x 1 Gallon (2 x 3.78 L – 1 U.S. Gal.)
- Pails (18.9L – 5 U.S. Gal.).

Version: 3
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