



## TECHNICAL BULLETIN

### GREENSOLV 273M

### BIODEGRADABLE MEMBRANE REMOVER (GEL)

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#### 1) PRODUCT DESCRIPTION

**GREENSOLV 273M** is an extremely effective membrane remover which is designed to replace spin water jetting. It is effective on various types of membrane systems such as epoxy, polyurethane or coal tar. Using a dry process, **GREENSOLV 273M** is an excellent alternative when there are access problems or if water can not be used.

In gel, **GREENSOLV 273M** can be either applied on horizontal or vertical surfaces. It has a very low toxicity, is non carcinogenic and non mutagenic.

Typical stripping applications:

- Parking decks membrane removal (epoxy, urethane & coal tar);
- Balcony membrane removal;
- Industrial glue removal;



## 2) BENEFITS

**GREENSOLV 273M** is a highly effective membrane remover based on a mixture of polar and non-polar solvents. This synergistic composition exhibits excellent stripping capabilities without using any harmful CFC.

Its main benefits are :

- Greatly increases removal rate
- Cost saving;
- Dry process;
- No damage to concrete;
- Quick setup;
- Coverage of approximately 1,7 – 3,2 m<sup>2</sup>/kg (70 - 130 ft<sup>2</sup>/USG).

## 3) PHYSICAL PROPERTIES

Physical appearance .....	Light Yellow, transparent gel
Odor.....	Low
Biodegradable.....	Yes
Flash Point ( Closed Cup ) .....	61 – 93.3° C ( 142 – 200° F )
Specific Gravity ( Water = 1 ).....	1.0 – 1.1
pH ( 1% in water ) .....	3 - 4
Viscosity .....	6 000 - 10 000 cPs
Solubility in water.....	Partially soluble
Chlorinated hydrocarbon, phenol, chromate, peroxide.....	None

## 4) PROCEDURE

### Application:

- Apply a layer of approximately 0,50 – 0,75 mm (20 - 50 mils) of **GREENSOLV 273M** with a squeegee or a paint brush on the surface to be stripped. Coverage: 1,7 – 3,2 m<sup>2</sup>/kg (70 - 130 ft<sup>2</sup>/USG).
- Cover **GREENSOLV 273M** after the application with a polyethylene sheet (as thin as possible).
- Wait until the membrane soften and is ready to be stripped (12 to 48 hours);
- Remove the softened membrane with a scraper or a grinder (hand held or mechanical);
- Shot blast and/ or buff the surface for final preparation of new membrane;



### **Precautions & limitations :**

- Avoid contact with strong oxidants ( ex: caustic, strong acid, peroxide, etc. ).
- Product is slippery on the floor.
- Use **GREENSOLV 273M** at a temperature above 10°C (50°F).

## **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.

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

Try to avoid skin contact by wearing adequate equipment.

## **6) STORAGE**

Store **GREENSOLV 273M** 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 273M** is available in :

- 4 x 1 Gallon ( 4 x 3.6 kg – 1 U.S. Gal.)
- Pails ( 18 kg – 5 U.S. Gal. ).
- Drums ( 180 kg – 45 U.S. Gal. ).

**April 2004 ( Last revision : October 2005 ).**

