

Maintenance Guidelines

Product Description

This document references the following overlaminates:

- 3M™ Scotchcal™ Gloss Overlamine 8528
- 3M™ Scotchcal™ Gloss Overlamine 3658G
- 3M™ Scotchcal™ Matte Overlamine 3660M
- 3M™ Scotchcal™ Gloss Overlamine 3640GPS
- 3M™ Scotchcal™ Matte Overlamine 3642GPS
- 3M™ Scotchcal™ Graphics and Surface Protection Film 8991
- 3M™ Scotchcal™ Removable Graphics and Surface Protection Film 8991R
- 3M™ Scotchcal™ High Gloss Graphics and Surface Protection Film 8993
- 3M™ Scotchcal™ Matte Graphics and Surface Protection Film 8995

For product specific information, please refer to the relevant Technical Data Sheet.

For best results, remove graffiti within the first 48hrs after application.

Health and Safety

When handling any chemical products, read the manufacturers' container labels and the Material Safety Data Sheets (MSDS) for important health, safety and environmental information.

To obtain MSDS sheets for 3M products:

- By fax, call 1-800-364-0768 in the US and Canada or 1-650-556-8417 for all other locations.
- Electronically, visit us at <http://www.3M.com/MSDS>.
- By mail, or in case of an emergency, call 1-800-364-3577 or 1-651-737-6501.

When using any equipment, always follow the manufacturers' instructions for safe operation.

Wear appropriate protective clothing, as recommended by the cleaning products manufacturers, to avoid exposure to the cleaning materials. Such clothing may include impervious gloves (for example, NBR Nitrile) and eye protection. Provide adequate and appropriate safety equipment for the workers, according to your local safety codes.

General Cleaning Procedure

Use a cleaner such as the kind used for high-quality painted surfaces. The cleaner must be wet, non-abrasive, without strong solvents or alcohol, and have a pH value between 3.0 and 11.0 (neither strongly acidic nor strongly alkaline). A cloth, soft bristle brush or sponge can be used to apply or wipe the cleaner.

- Wash thoroughly from the top down.
- Avoid abrading the graphic by unnecessary scrubbing.
- After applying the cleaning solution, keep a steady stream of water flowing on the graphic to wash away dirt particles.
- Rinse the entire graphic thoroughly with clean water. Allow to dry naturally.
- Pressure washing is not recommended and not warranted. The abrasive effects of this type of washing may damage or abrade the sign faces and decorations and cause film to lift.

Note: Graphics damaged by improper cleaning are not covered by the 3M warranty.

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This table shows the recommended cleaning method for various stains on graphics protected by films:

Stain	Cleaning Method			
	Dry Cloth	Detergent & Water	Isopropyl Alcohol or Household Cleaner	3M™ Citrus Based Cleaner
Ballpoint Pen Ink	X	X		X
Crayon	X		X	
Grease	X		X	
Lipstick	X		X	
Paint	X			X
Permanent Marking Pen	X		X	X

1. Always use the least aggressive cleaning method that provides satisfactory results.
2. Do not use any abrasive cleaning tools or abrasive cleaners.
3. Old and/or thicker stains may require longer soaking time or reapplication of the cleaner.

Removing Difficult Contaminants

The following solvents are recommended only for normal cleaning procedures to remove graffiti and paint spills. Regular and prolonged exposure due to soaking and/or aggressive scrubbing is not recommended or warranted and may reduce the life and durability of the product.

Some contaminants may remain after following the normal cleaning procedures. Most contaminants can be removed using one of these methods.

Select an appropriate solvent and test it in an inconspicuous area to ensure it removes the contaminant without damaging the graphic. This must be done on a customer test and approve basis.

These steps may vary depending on the product you are using.

1. Read the manufacturer's instructions for the adhesive remover product. Use the product only as directed and only in a well-ventilated area.
2. Follow the manufacturer's safe handling instructions, including wearing appropriate protective equipment such as rubber gloves and safety goggles.
3. Test the remover by applying in an inconspicuous area to make certain that it does not damage the substrate.
4. Apply the remover as directed and allow the prescribed time for the chemical to penetrate the stain.
5. Use cloth or soft bristle brush can be used to apply or wipe the cleaner the softened adhesive by scraping with a plastic applicator or rivet brush.
6. Repeat steps 4 through 6 as needed.
7. Wash the entire substrate with a solution of detergent and water.

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CAUTION

The following solvents are recommended only for normal cleaning procedures to remove graffiti. Regular and prolonged exposure due to soaking and/or aggressive scrubbing is not recommended or warranted and may reduce the life and durability of product.

Chemical Resistance Table

	3658/3660	8528	3640/3642	8991/8991R	8993	8995
Water & mild detergent	Yes	Yes	Yes	Yes	Yes	Yes
3M™ All Purpose Cleaner & Detergent	Yes	Yes	Yes	Yes	Yes	Yes
3M™ Citrus Cleaner	Yes	Yes	Yes	Yes	Yes	Yes
Goo-Gone®	Yes	Yes	Yes	Yes	Yes	Yes
Over the counter cleaners	Yes	Yes	Yes	Yes	Yes	Yes

SOLVENTS

Methyl Ethyl Ketone(MEK)			Yes	Yes	Yes	Yes
Methyl Isobutyl Ketone (MIBK)			Yes	Yes	Yes	Yes
Di-isobutyl ketone (DIBK)			Yes	Yes	Yes	Yes
Ethyl Acetate			Yes	Yes	Yes	Yes
PM Acetate			Yes	Yes	Yes	Yes
Toluene			Yes	Yes	Yes	Yes
Xylene			Yes	Yes	Yes	Yes
VM&P Naptha	Yes	Yes	Yes	Yes	Yes	Yes
Mineral Spirits	Yes	Yes	Yes	Yes	Yes	Yes
Methyl Alcohol	Yes	Yes	Yes	Yes	Yes	Yes
Ethyl Alcohol	Yes	Yes	Yes	Yes	Yes	Yes
Isopropyl Alcohol	Yes	Yes	Yes	Yes	Yes	Yes
Lacquer Thinner			Yes	Yes	Yes	Yes

Warranty and Limited Remedy

The information contained and techniques described herein are believed to be reliable, but 3M makes no warranties or conditions, express or implied, including but not limited to any implied warranty or condition of merchantability or fitness for a particular purpose. 3M shall not be liable for any loss or damages, whether direct, indirect, special, incidental or consequential, in any way related to the techniques or information described herein.

