

Technical data sheet



Product: 3950/4150S

Manufacturer: 3M DEUTSCHLAND GMBH

Product group: OBERFLÄCHENVORBEHANDLUNG

Article group: OBERFLÄCHENVORBEHANDLUNG S.I.P

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3M™ EDGE SEALER 3950/4150S

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3M™ Edge Sealer 3950

3M™ Edge Sealer 4150S

Product Bulletin

Product Description 3M™ Edge Sealer 3950 is designed for edge sealing of film edges in heavily used areas.
3M™ Edge Sealer 4150S is designed especially for 3M™ Aircraft Films to help prevent the aircraft film from lifting.

| | | | |
|---------------------|-------------|-------|--------------|
| Product Line | Edge Sealer | 3950 | clear liquid |
| | Edge Sealer | 4150S | clear liquid |

Product Characteristics These are indicative values for unprocessed products.
Contact your 3M representative for a custom specification.

| | | | |
|-----------------------------------|---|---|--|
| Physical & Application | Material | 3950 4150S | Acrylic/Vinyl solution in Xylene, clear Acrylic solution in Xylene, clear |
| | Minimum viscosity | 3950: 300 Centipoise 4150S: 700 Centipoise | |
| | Percent solids | 3950: 46 ± 2.5% 4150S: 38 ± 2.5% | |
| | Chemical resistance | Mild acids, mild alkalis, and salts Excellent water resistance Hydraulic fluid, LD-4, will dissolve 3950 within one hour of exposure | |
| | Application temperature minimum (air and substrate) | +10°C to +38°C | |
| | Service temperature after application | -51°C to +65°C | |
| | Removal of Edge Sealer | Edge Sealer can be removed using isopropyl alcohol or 3M™ Scotch-Weld™ Citrus Cleaner. | |
| | Important notice | Certain paint surfaces may be affected by edge sealer and isopropyl alcohol or citrus cleaner. Customers are advised to test the liquids in an inconspicuous area of the surface. 3M does not accept liability for any damage to such surfaces. | |

The values above are the results of illustrative lab test measurements and shall not be considered as a commitment from 3M.

Storage Shelf life Use within two years from the date of manufacture on the original can.
Use within one year after opening the can.

Storage conditions! +4°C to +40°C, out of sunlight, original container in clean and dry area.

The shelf life as defined above remains an indicative and maximum data, subject to many external and non-controllable factors. It may never be interpreted as warranty.

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 and follow the manufacturers' instructions for safe operation.

Visit the web site of your local subsidiary at www.3Mgraphics.com for getting the Safety Data Sheets.

Limitations of End Uses

3M specifically does not recommend or warrant the following uses, but please contact us to discuss your needs to recommend other products.

The solvent in the edge sealer may attack certain painted surfaces; always test in an inconspicuous area.

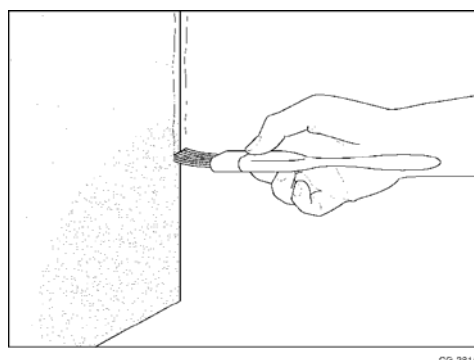
Prepare the Graphic for Edge Sealing

- Do not apply edge sealer unless the temperature is above the minimum recommended temperature.
- Remove any application tape and re-squeegee the edges before applying the edge sealer.
- Make sure all edges to be sealed are clean, dry and free of contaminants.

How to Apply Edge Sealer

1. Do not thin the sealer.
2. Use the felt dauber supplied with edge sealer or a 0.6 cm brush to cover approx. 5 - 10 mm of film and substrate.
3. Wipe any excess edge sealer off the dauber or brush.
4. Pull the dauber or brush along the edge in a smooth and continuous motion. Make sure the entire edge is covered with no gaps (see Figure 1).
5. Use opened sealer within 2 hours and discard any used sealer.
6. Air dry for 24 hours before putting the graphic into service.

Figure 1
Applying Edge Sealer



Remarks

Important notice

This bulletin provides technical information only.

All questions of warranty and liability relating to this product are governed by the terms and conditions of the sale, subject, where applicable, to the prevailing law.

Before using, the user must determine the suitability of the product for its required or intended use, and the user assumes all risk and liability whatsoever in connection therewith.

Additional information

Visit the web site of your local subsidiary at www.3Mgraphics.com for getting:

- more details about 3M™ MCS™ Warranty and 3M™ Performance Guarantee
- additional instruction bulletins
- a complete product overview about materials 3M is offering



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