

Technical Specifications

419B-340G Aerosol



Acrylic Lacquer Conformal Coating (Aerosol)

MG Chemicals 9347-193rd Street, Surrey, BC, Canada V4N 4E7 Phone 1.800.201.8822 Fax 1.800.708.9888

Description:

Economical and easily applied acrylic resin for insulation against high-voltage arcing and shorts. Protects printed circuit boards against moisture (barrier), corrosion, and thermal shock.

Applications:

Protects and insulates electrical and electronic components and assemblies, including generators, motors, transformers, relays, and solenoid coils.

Features/Benefits:

- ✓ Clear and colorless.
- ✓ Excellent electrical properties protecting against static discharge and arcing.
- ✓ Excellent adhesion at hot and cold temperatures to metals, ceramics, fiberglass, epoxy, and plastics.
- ✓ Hard, durable and abrasion resistant.
- ✓ Good chemical resistance.
- ✓ Economical.
- ✓ Maximum servicing temperature 65°C.
- ✓ Easy to repair.
- ✓ Solids by volume 18%.
- ✓ Solids by weight 25%.
- ✓ Tack free time 10 minutes at 20°C.
- ✓ Recoat time 2 minutes at 20°C.
- ✓ Full cure in 24 hours at 20°C.

Technical Data: *Physical Properties:*
Viscosity: 50-55, 20-25 Sec.s NBR.

Electrical Properties:

Chemical Components:

Acrylic Resin
1,1,1,2-Tetrafluoroethane (811-97-2) Aerosol Propellant
Toluene (108-88-3)
Acetone (67-64-1)
Xylene (1330-20-7)

Health Awareness:

Contents may be harmful. Fumes may be harmful. Contents may catch fire. Use proper ventilation, eye, and hand protection.

Directions:

Refer to Material Safety Data Sheet (MSDS) before use. It is recommended to test the product before use.

All surfaces must be clean, dry, and free of dust, grease, oil, etc... If you are touching up or spraying over conventional finishes, test for compatibility.

Shake can well before using. Spray with an even sweeping motion 6 to 10 inches (15-25 cm) from surface. Apply 2 or 3 coats as desired waiting at least 2 minutes between coats. For best results apply at room temperature (20°C). High temperature and high humidity can cause surface blushing.

Thin and clean up with MG Chemicals CAT # 435 Thinner Cleaner.

Shipping Information:

Packaged in durable metal aerosol cans.

Ground: Consumer Commodity, ORM-D

Air within continental USA:

Federal Express: Complete Fed Ex dangerous goods declaration, Shipping Name - Consumer Commodity, Class - ORM-D, UN# - n/a, Packing Group - n/a, Sub Risk - n/a, Packing Instructions - n/a, Authorization - n/a, Use M.G. Chemicals UN certified outer carton. Change the ORM-D marking on the outer carton to ORM-D-AIR, Tape all seams on the carton.

UPS: Complete UPS forms marked "Hazardous Materials Shipping Paper" and "Shipper's Certification for Hazardous Materials" with the following information: Shipping name - Consumer Commodity, Class - ORM-D, Label Type - ORM-D-AIR. Use M.G. Chemicals UN certified outer carton. Change the ORM-D marking on the outer carton to ORM-D-AIR, Tape all seams on the carton. Refer to UPS guide for shipping hazardous materials.

All other air:

Shipping Name - Consumer Commodity, Class 9, ID# 8000, Packing Group - n/a (leave blank), Sub risk - n/a (leave blank), Packing instruction - 910, Authorization - n/a (leave blank), Emergency - phone (613) 996-6666 collect. Use M.G. Chemicals UN certified outer carton. Add a class 9 diamond label to outer carton, mark ID# 8000 below consumer commodity, and write "PACKING INSTRUCTIONS 910" on side of box.. Tape all seams. For further information refer to IATA regulations, or phone M.G. Chemicals technical service at 1-800-201-8822

Sea - All Sizes:

Shipping Name - Aerosols / Flammable, Class 2.1, UN1950, Packing Group - n/a, Vessel Storage - stow clear of living quarters, stow away from sources of heat, may be stowed on deck or under deck on a cargo or a passenger vessel. Mark on box: Aerosols / Flammable, UN1950, packing instructions: Y203.

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Apply a Class 2.1 flammable compressed gas diamond label to outer carton. Each box not to exceed 30 kg gross weight. Tape all seams. 24 hour Emergency response - phone (613) 996-6666 collect. For further information refer to IMO regulations or phone M.G. Chemicals technical service at 1-800-201-8822 .

Availability:

419B-1L 1L (35oz) Liquid*

419B-4L 4L (1gal) Liquid*

419B-20L 20L (5gal) Liquid*

419B-340G 340g (12oz) Aerosol Can

* (See Acrylic Lacquer Conformal Coating 419B Liquid)

Technical Support: **MG Chemicals**

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