

# 4226A Aerosol



## Clear Insulating Varnish

4226A is a highly insulating coating with excellent arc and corona resistance. This clear, low viscosity varnish coating is easy to use and adheres well to many substrates.

This product insulates transformers, coils, motor windings, and various electric generator parts against arc and corona. As well, it protects these parts from corrosion and moisture.



## Features and Benefits

- Material Group I (CTI  $\geq 600$  V, PLC=0)
- Excellent finish—gives a transparent coat that's tough, flexible, durable and glossy
- Good adhesion
- Resistant to transformer oil and moisture
- Low VOC and HAP-free
- Does not contain toluene, xylene and MEK

## Available Packaging

Cat. No.	Packaging	Net Vol.	Net Wt.
4226A-340G	Aerosol	426 mL	340 g

## Contact Information

MG Chemicals, 1210 Corporate Drive  
Burlington, Ontario, Canada L7L 5R6

Email: [support@mgchemicals.com](mailto:support@mgchemicals.com)

Phone: North America: +(1)800-340-0772

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## Cured Properties

Dielectric Strength	1 240 V/mil
Breakdown Voltage	620 V
Comparative Tracking Index (CTI)	600 V
Service Temperature	-30–180 °C

## Usage Parameters

Dry to Touch	10 min
Recoat Time	5 min
Recommended Film Thickness	12–24 $\mu\text{m}$
Theoretical Coverage @ 25 $\mu\text{m}$ (based on 50% transfer efficiency)	6 700 $\text{cm}^2$

## Uncured Properties

Density	0.93 g/mL
Percent Solids	27 %
Calculated VOC	750 g/L

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## Application Instructions

Read the product SDS before using this product (downloadable at [www.mgchemicals.com](http://www.mgchemicals.com)).

## Recommended Preparation

Clean the substrate with Isopropyl Alcohol, MG #824, so the surface is free of oils, dust, and other residues.

## Spray

1. Shake the can vigorously.
2. Spray a test pattern to ensure good flow quality.
3. Tilt the board at 45° and spray a thin, even coat from a distance of 20–25 cm (8–10 in). Use spray-and-release strokes with an even motion to avoid paint buildup in one spot. Start and end each stroke off the surface.
4. Wait 5 min before applying another coat, to avoid trapping solvent.
5. Rotate the board 90° and spray again to ensure good coverage.
6. Apply additional coats until desired thickness is achieved (go to step 3).
7. Let dry 5 min at room temperature before applying heat cure.
8. After use, clear the nozzle by inverting the can and briefly spraying until clear propellant comes out.

## Cure Instructions

Allow to dry at room temperature for 8 hours or cure the coating in an oven for 2 hours @ 80 °C.

## Clean-up

Clean spray system and equipment with acetone, MG #434.

## Storage and Handling

Store between -5 and 40 °C in a dry area, away from sunlight (see SDS).

## Disclaimer

This information is believed to be accurate. It is intended for professional end-users who have the skills required to evaluate and use the data properly. M.G. Chemicals Ltd. does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.