



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

February 28, 2017

Megan P. Priest  
Regulatory Consultant  
Corning Incorporated  
1 Riverfront Plaza  
Corning, NY 14831

Subject: Notification per PRN 98-10 – To update label language, to add Alternate name  
Product Name: Corning® Antimicrobial Particles  
EPA Registration Number: 89661-2  
Application Date: January 31, 2017  
Decision Number: 525902

Dear Ms. Priest:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

The alternate brand name Corning Guardian™ Antimicrobial Particles has been added to the product record.

If you have any questions, please contact Emilia Oiguenblik by phone at 703 347 0199, or via email at [Oiguenblik.emilia@epa.gov](mailto:Oiguenblik.emilia@epa.gov) or Eric Miederhoff by phone at 703 347 8028, or via email at [Miederhoff.eric@epa.gov](mailto:Miederhoff.eric@epa.gov).

Sincerely,

A handwritten signature in blue ink that reads "E. Miederhoff". The signature is written in a cursive style with a large, stylized initial "E".

Eric Miederhoff  
Product Manager 31  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

**NOTIFICATION**

89661-2

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

02/28/2017

(MASTER LABEL)

**Corning® Antimicrobial Particles**

(Alternate Brand Name: Corning Guardian™ Antimicrobial Particles)

For use in the manufacture of paints as a preservative.

**Effective preservative made out of glass particles to protect industrial formulations against bacteria and fungi that cause deterioration.**

No finished product incorporating Corning® Antimicrobial Particles may make any public health claims relating to antimicrobial activity without first obtaining an EPA registration for the finished product which permits such claims. When incorporated into paints, this product does not protect users who come into contact with the painted surfaces from microorganisms. This product is intended to protect paint formulations only from deterioration caused by mold, mildew and bacteria. This product is not intended to impart protection to treated surfaces.

Active Ingredient: Cupric Oxide.....	33%
Other Ingredients.....	67%
Total: 100%	

Corning Incorporated  
One Riverfront Plaza  
Corning, NY 14831

EPA Reg. No: 89661-~~XX~~2  
EPA Est. No:  
Net Weight:

[See [side] [back] panel for [First Aid] [additional] [Precautionary Statements].]

*Note to Reviewer: Language contained within \_\_\_\_\_ Corning® Antimicrobial Particles parentheses ( ) will not appear on market labels \_\_\_\_\_ EPA Reg. No: 89661-~~XX~~2 and language contained within brackets [ ] is optional. \_\_\_\_\_ December 28, 2016 January 31, 2017 Please note, language contained within parentheses ( ) will not appear on market labels.*

**Keep Out of Reach of Children**

Formatted: Font: Verdana

**WARNING**

Precautionary Statements

Hazards to Humans and Domestic Animals

WARNING: May be fatal if inhaled. Harmful if absorbed through the skin. Do not breathe dust. Wear a NIOSH approved particulate face piece respirator (TC-84A) with any N filter. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

-Worker Protection:

The powder form of Corning® Antimicrobial Particles, like any other powder, may cause severe irritation to respiratory tract and the eyes and may irritate the skin. Workers who mix, load, apply Corning Antimicrobial Particles must wear particulate respirators (TC-84A), eye protection (goggles or face shield), and skin protection (rubber gloves) and long sleeved shirts when working with this powder.

**FIRST AID**

In case of emergency, call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.

**IF ON SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything to an unconscious person.

## Directions For Use

It is in violation of Federal Law to use this product in a manner inconsistent with its labeling.

Do not use for any application involving direct or indirect contact with food, food packaging or drinking water.

The product can be used as an in-can or dry-film preservative for water borne paints to prevent spoiling from bacteria, mold and mildew when used by itself or as a mixture with other biocides.

### USE RATE:

Use a range of 1-150 grams of this product per gallon of paint. This amount is equivalent to 0.02-3 percent weight per gallon of paint.

### Storage and Disposal

Do not contaminate water, food, or feed by storage and disposal

Storage:	Store in a clean dry place at room temperature.
Pesticide Disposal:	Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.
Container Handling:	Nonrefillable container. Do not reuse or refill the container. Offer for recycling if available.

### (Optional Marketing Claims:)

- Protects paint and paint film from mold, mildew and bacteria that cause deterioration.
- Antimicrobial additive to protect paint from mold, mildew and bacteria.
- Anti-mold, anti-mildew, anti-bacterial against bacteria that cause deterioration.
- Preserves paint and paint film against attack by mold, mildew and bacteria that cause deterioration.
- Preserves paint and paint film against microorganisms that cause deterioration.
- Preserves paint and paint film against microorganisms including mold, mildew and bacteria that cause deterioration.
- Imparts anti-mold activity against microorganisms that cause deterioration in paint and paint films.

Note to Reviewer: Language contained within \_\_\_\_\_ Corning® Antimicrobial Particles  
parentheses () will not appear on market labels EPA Reg. No: 89661-~~XX~~2  
and language contained within brackets [] is optional. December 28, 2016 January 31, 2017  
Please note, language contained within parentheses ()  
will not appear on market labels: Page 3 of 4

- Provides anti-mold protection against microorganisms that cause deterioration in paint and paint films.
- Provides anti-bacterial protection against bacteria that cause deterioration of wet paints stored in cans.
- Preserves in-can paint against microorganisms causing deterioration.