UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

November 23, 2021

Mary Ellen Shivetts
Director, Global Product Sustainability
PPG Industries, Inc.
One PPG Place
Pittsburgh, PA 15272

Subject: PRIA Label Amendment – Correct Ingredient Statement
Product Name: Copper Armor
EPA Registration Number: 56601-4
Received Date: November 10, 2021
Action Case Number/Decision Number: 00336537

Dear Mary Ellen Shivetts:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. Pursuant to 40 CFR 156.10(a)(6), you must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

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 FIFRA and is subject to review by the Agency. See FIFRA section 2(p)(2). 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) lists 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, FIFRA section 12(a)(1)(B). 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 Assurance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, you may contact Joe Daniels via email at daniels.joseph@epa.gov.

Sincerely,

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

Enclosure: Stamped Label

EPA MASTER LABEL COPY

“Copper Armor”

For commercial and residential use

EPA Est. No. 56601-OH-3

EPA Est. No. 56601-TX-1

EPA Reg. No. 56601 - 4

Active Ingredient: Cupric Oxide……**0.33 %**

Other Ingredients……..**99.67 %**

Total……...**100.0 %**

KEEP OUT OF REACH OF CHILDREN

CAUTION

See other precautionary and first aid statements on the side panel

Manufactured by
PPG Industries, Inc.
One PPG Place
Pittsburgh, PA 15272
Emergency telephone number; 1-412-434-4515
Manufactured in the U.S.A.

31 FL OZ (916mL)
124 FL OZ (3.66 L)
620 FL OZ (18.3 L)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS:

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear eye protection. Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

FIRST AID

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 treatment advice.

If swallowed:

- Call a poison control center or doctor immediately for treatment advice.

- Have 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 by mouth to an unconscious person. Contains isothiazolinones. May cause allergic reaction.

DIRECTIONS FOR USE

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

This product is not intended for food uses or food contact surfaces.

If cleaning is needed, bleach-based or peroxide based cleaners are recommended to maintain the antiviral and antibacterial performance of the paint.

Using quaternary ammonium-based cleaners to clean the painted surface can reduce the antiviral and antibacterial effectiveness of the coating. Do not use quaternary ammonium products to clean the painted surface. This product is only intended to supplement current sanitation and disinfection practices. It is not meant for use as a replacement for EPA-registered disinfectants. Continue any regular cleaning and/or disinfection practices currently in place.

WHERE TO USE: Ideal for use on properly prepared, interior walls, ceilings, or trim composed of new or previously painted drywall, plaster, masonry, wood, and metal.

COVERAGE: Approximately 300 to 400 sq. ft. (28 to 37 sq. meters) per U.S. gallon (3.78 L) on primed, smooth, nonporous surfaces. Coverage figures do not include material loss due to surface irregularities and porosity, or material loss due to application method or mixing. Some colors, drastic color changes, or porous surfaces may require additional coats to achieve a uniform finish.

SURFACE PREPARATION: Surface must be clean and dry. Remove all loose, peeling paint, dirt, grease, and any other surface contaminants. Putty all nail holes and caulk all cracks and open seams. Sand all glossy, rough, and patched surfaces. Plaster, concrete, and masonry surfaces must be completely dry, free of efflorescence, and allowed to cure for 30 days prior to painting. When applied to an uncoated substrate or to bare wood, two coats are required with the first coat acting as the primer. Uncoated substrates, repaired surfaces, or lightly stained areas may require additional coats. For severe stains, water marks, and other challenging conditions, such as bare metal or chalky surfaces, use an appropriate specialty primer.

SURFACE PREPARATION PRECAUTIONS: If you scrape, sand, or remove old paint, you may release lead dust or fumes.

LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted, NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the US EPA. National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

APPLICATION: Stir thoroughly. Apply with a high-quality brush, roller (nap size – 3/8" for smooth surfaces and up to 3/4" for rough or textured surfaces), paint pad, or by spray equipment. For airless spray application, use tip size .015" to .021" and pressure range of 1500 to 2000 psi. When using more than one container of the same color, intermix to ensure color uniformity. Do not thin. Apply only when air, product, and surface temperatures are between 50°F (10°C) and 90°F (32°C).

DRYING: Normally dries to touch in 30 to 60 minutes at 77°F (25°C) and 50% relative humidity. Allow two to four hours before recoating. Drying times listed may vary depending on temperature, humidity, color, film build, and air movement. Very deep colors may require longer to fully cure.

CLEANUP: Clean tools with warm, soapy water.

STORAGE AND DISPOSAL

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

STORAGE: Protect from freezing.

PESTICIDE DISPOSAL: To avoid waste, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or put in trash or in a sanitary landfill.

BATCH CODE: _____

OPTIONAL MARKETING CLAIMS

Technology Claims

1. Kills 99.9% of *S. aureus (Staph)* ATCC 6538, *P. aeruginosa* ATCC 15442, *K. aerogenes* ATCC 13048 as well as MRSA ATCC 33591, *Enterococcus faecium* ATCC 29212, *E. coli* O157:H7 ATCC 35150, *Salmonella enterica* ATCC 10708 and viruses Norovirus (Feline calicivirus) ATCC VR-782 and SARS-CoV-2 BEI Resources NR-52281 within 2 Hours of exposure on painted surfaces.

2. Kills 99.9% of ESKAPE Pathogens *S. aureus (Staph)* ATCC 6538, *P. aeruginosa* ATCC 15442, *K. aerogenes* ATCC 13048 as well as MRSA ATCC 33591, *Enterococcus faecium* ATCC 29212, *E. coli* O157:H7 ATCC 35150, *Salmonella enterica* ATCC 10708 and viruses Norovirus (Feline calicivirus) ATCC VR-782 and SARS-CoV-2 BEI Resources NR-52281 within 2 Hours of exposure on painted surfaces.

3. Kills 99.9% of bacteria and viruses†
   † *S. aureus (Staph)* ATCC 6538, *P. aeruginosa* ATCC 15442, *K. aerogenes* ATCC 13048 as well as MRSA ATCC 33591, *Enterococcus faecium* ATCC 29212, *E. coli* O157:H7 ATCC 35150, *Salmonella enterica* ATCC 10708 and viruses Norovirus (Feline calicivirus) ATCC VR-782 and SARS-CoV-2 BEI Resources NR-52281 within 2 Hours of exposure on painted surfaces.

4. Kills 99.9% of bacteria and viruses† within 2 Hours of exposure.
   † *S. aureus (Staph)* ATCC 6538, *P. aeruginosa* ATCC 15442, *K. aerogenes* ATCC 13048 as well as MRSA ATCC 33591, *Enterococcus faecium* ATCC 29212, *E. coli* O157:H7 ATCC 35150, *Salmonella enterica* ATCC 10708 and viruses Norovirus (Feline calicivirus) ATCC VR-782 and SARS-CoV-2 BEI Resources NR-52281 on painted surfaces.

5. Continuously kills 99.9% of *S. aureus (Staph)* ATCC 6538, *P. aeruginosa* ATCC 15442, *K. aerogenes* ATCC 13048 as well as MRSA ATCC 33591, *Enterococcus faecium* ATCC 29212, *E. coli* O157:H7 ATCC 35150, *Salmonella enterica* ATCC 10708 and viruses Norovirus (Feline calicivirus) ATCC VR-782 and SARS-CoV-2 BEI Resources NR-52281 within 2 Hours of exposure on painted surfaces.

6. Continuously kills 99.9% of bacteria and viruses†
   † *S. aureus (Staph)* ATCC 6538, *P. aeruginosa* ATCC 15442, *K. aerogenes* ATCC 13048 as well as MRSA ATCC 33591, *Enterococcus faecium* ATCC 29212, *E. coli* O157:H7 ATCC 35150, *Salmonella enterica* ATCC 10708 and viruses Norovirus (Feline

calicivirus) ATCC VR-782 and SARS-CoV-2 BEI Resources NR-52281 within 2 Hours of exposure on painted surfaces.

7. Continuously kills 99.9% of bacteria and viruses† within 2 Hours of exposure on painted surfaces.
   † *S. aureus (Staph)* ATCC 6538, *P. aeruginosa* ATCC 15442, *K. aerogenes* ATCC 13048 as well as MRSA ATCC 33591, *Enterococcus faecium* ATCC 29212, *E. coli* O157:H7 ATCC 35150, *Salmonella enterica* ATCC 10708 and viruses Norovirus (Feline calicivirus) ATCC VR-782 and SARS-CoV-2 BEI Resources NR-52281.

8. Kills 99.9% within 2 Hours of exposure on a painted surface of *S. aureus (Staph)* ATCC 6538, *P. aeruginosa* ATCC 15442, *K. aerogenes* ATCC 13048 as well as MRSA ATCC 33591, *Enterococcus faecium* ATCC 29212, *E. coli* O157:H7 ATCC 35150, *Salmonella enterica* ATCC 10708 and viruses Norovirus (Feline calicivirus) ATCC VR-782 and SARS-CoV-2 BEI Resources NR-52281.

9. Kills 99.9% of *S. aureus (Staph)* ATCC 6538, *P. aeruginosa* ATCC 15442, *K. aerogenes* ATCC 13048 as well as MRSA ATCC 33591, *Enterococcus faecium* ATCC 29212, *E. coli* O157:H7 ATCC 35150, *Salmonella enterica* ATCC 10708 and viruses Norovirus (Feline calicivirus) ATCC VR-782 and SARS-CoV-2 BEI Resources NR-52281 within 2 Hours of exposure on a painted surface.

10. Kills 99.9% of bacteria and viruses†
    † *S. aureus (Staph)* ATCC 6538, *P. aeruginosa* ATCC 15442, *K. aerogenes* ATCC 13048 as well as MRSA ATCC 33591, *Enterococcus faecium* ATCC 29212, *E. coli* O157:H7 ATCC 35150, *Salmonella enterica* ATCC 10708 and viruses Norovirus (Feline calicivirus) ATCC VR-782 and SARS-CoV-2 BEI Resources NR-52281 within 2 Hours of exposure on a painted surface.

11. Kills 99.9% of bacteria and viruses† within 2 Hours of exposure on a painted surface.
    † *S. aureus (Staph)* ATCC 6538, *P. aeruginosa* ATCC 15442, *K. aerogenes* ATCC 13048 as well as MRSA ATCC 33591, *Enterococcus faecium* ATCC 29212, *E. coli* O157:H7 ATCC 35150, *Salmonella enterica* ATCC 10708 and viruses Norovirus (Feline calicivirus) ATCC VR-782 and SARS-CoV-2 BEI Resources NR-52281.

12. [Antibacterial][Antiviral†] Paint

13. Painted surfaces provide a barrier against growth of *S. aureus (Staph)* ATCC 6538, *P. aeruginosa* ATCC 15442, *K. aerogenes* ATCC 13048 as well as MRSA ATCC 33591, *Enterococcus faecium* ATCC 29212, *E. coli* O157:H7 ATCC 35150, *Salmonella enterica* ATCC 10708 and viruses Norovirus (Feline calicivirus) ATCC VR-782 and SARS-CoV-2 BEI Resources NR-52281 within 2 hours of exposure.

14. Kills bacteria and viruses† on the painted surface within two hours.
    † *S. aureus (Staph)* ATCC 6538, *P. aeruginosa* ATCC 15442, *K. aerogenes* ATCC 13048 as well as MRSA ATCC 33591, *Enterococcus faecium* ATCC 29212, *E. coli* O157:H7 ATCC 35150, *Salmonella enterica* ATCC 10708 and viruses Norovirus (Feline calicivirus) ATCC VR-782 and SARS-CoV-2 BEI Resources NR-52281.

15. Although this product DOES NOT meet EPA's standards for disinfectants, EPA has determined that, when used with an EPA-registered disinfectant, this product can provide an additional layer of protection against *S. aureus (Staph)* ATCC 6538, *P. aeruginosa* ATCC 15442, *K. aerogenes* ATCC 13048 as well as MRSA ATCC 33591, *Enterococcus faecium* ATCC 29212, *E. coli* O157:H7 ATCC 35150, *Salmonella enterica* ATCC 10708 and viruses Norovirus (Feline calicivirus) ATCC VR-782 and SARS-CoV-2 BEI Resources NR-52281 for up to 5 years. This product DOES NOT achieve the same level of efficacy as an EPA-registered disinfectant; it is only intended to provide supplemental barrier between routine applications of EPA-registered disinfectants.

16. "Kills 99.9% of *S. aureus (Staph)* ATCC 6538, *P. aeruginosa* ATCC 15442, *K. aerogenes* ATCC 13048 as well as MRSA ATCC 33591, *Enterococcus faecium* ATCC 29212, *E. coli* O157:H7 ATCC 35150, *Salmonella enterica* ATCC 10708 and viruses Norovirus (Feline calicivirus) ATCC VR-782 and SARS-CoV-2 BEI Resources NR-52281 within 2 hours of exposure when used as part of a comprehensive infection control program/protocol for up to 5 years."

17. "Continuously reduces *S. aureus (Staph)* ATCC 6538, *P. aeruginosa* ATCC 15442, *K. aerogenes* ATCC 13048 as well as MRSA ATCC 33591, *Enterococcus faecium* ATCC 29212, *E. coli* O157:H7 ATCC 35150, *Salmonella enterica* ATCC 10708 and viruses Norovirus (Feline calicivirus) ATCC VR-782 and SARS-CoV-2 BEI Resources NR-52281 within 2 hours of exposure when used as part of a comprehensive infection control program for up to 5 years."

Marketing claims

1. Painted surfaces may reduce the growth of bacteria and viruses†.

2. Painted surfaces may reduce the growth of bacteria and viruses† within 2 hours of exposure.

3. Painted surfaces kill 99.9% of bacteria and viruses† within 2 hours of exposure when used as part of a comprehensive infection control program/protocol.

4. Painted surfaces kill bacteria and viruses† within 2 hours of exposure when used as part of a comprehensive infection control program/protocol.

5. Kills 99.9% of bacteria and viruses† within 2 hours of exposure when used as part of a comprehensive infection control program/protocol.

6. Provides continuous barrier or safeguard to painted surfaces against bacteria and viruses† between cleaning and sanitizing.

7. Registered with EPA to provide residual sanitizing activity to kill 99.9% of bacteria and viruses†.

8. Copper Armor continues to provide an additional barrier on the surface from bacteria and viruses† after frequent cleaning.

9. Ideal for use in any commercial or residential location where an additional barrier from bacteria and viruses† is important, including healthcare facilities, nursing homes and senior living centers, education facilities, daycare, gymnasiums, office, retail, hotels, restaurants, entertainment venues and homes.

10. Continuously kills for up to 5 years.

Copper Claims

1. Corning® Guardiant® harnesses the protective benefits of copper.

2. Contains the country's first copper anti-microbial additive for architectural paints that provides an anti-microbial barrier.

3. Contains the country's first copper anti-microbial additive for architectural paints that reduces bacterial and viral contamination on the painted surface.

4. Contains Corning® Guardiant®, the country's first copper anti-microbial additive for architectural paints that provides an anti-microbial barrier.

5. Contains Corning® Guardiant®, the country's first copper anti-microbial additive for architectural paints that reduces bacterial and viral contamination on the painted surface.

6. An architectural paint with anti-microbial properties of copper.

7. Copper Armor anti-microbial barrier.

8. Copper Armor anti-bacterial and viral† protection.

9. Anti-microbial barrier through the intrinsic benefits of copper.

10. Anti-microbial barrier through the antimicrobial properties of copper as an antibacterial and antiviral† barrier from [antimicrobial][intrinsic] benefits of copper.
11. Anti-bacterial and anti-viral† barrier from the antimicrobial properties of copper.
12. Anti-microbial barrier fueled by the intrinsic benefits of copper.
13. Anti-microbial barrier fueled by the antimicrobial properties of copper.
14. Anti-bacterial and viral† barrier fueled by the intrinsic benefits of copper.
15. Anti-bacterial and Anti-viral† barrier fueled by the fundamental properties of copper.
16. Guarded or Defended by anti-bacterial and anti-viral† copper.
17. Guarded or Defended by anti-microbial copper.
18. Guarded or Defended by the anti-bacterial and anti-viral† benefits of copper.
19. Guarded or Defended by the anti-microbial benefits of copper.
20. Guarded or Defended or Powered or Fueled by the intrinsic anti-bacterial and anti-viral† benefits of copper.
21. Guarded or Defended or Powered or Fueled by the anti-microbial benefits of copper.
22. Powered by Corning Guardiant Anti-Microbial Copper Ion Technology
23. Fueled by Corning Guardiant Anti-Microbial Copper Ion Technology
24. Formulated with Corning Guardiant Anti-Microbial Copper Ion Technology
25. Using the intrinsic benefits of Copper to kill bacteria and viruses†
26. Uses the inherent properties of Copper to kill bacteria and viruses†
27. Uses the built-in properties of Copper to kill bacteria and viruses†
28. The armor that provides a barrier for your walls against viruses† and bacteria.
29. Antimicrobial armor against virus† and bacteria.
30. Not just a coat of paint but a coat of armor.

31. Not just a coat of paint but a coat of armor that provides a barrier against virus† and bacteria.

32. The antimicrobial coat of armor that defends your walls.

33. The armor that defends your walls against viruses† and bacteria.

34. The armor that provides a barrier for your walls against viruses† and bacteria using the antimicrobial properties of copper.

35. Antimicrobial armor against virus† and bacteria using the antimicrobial properties of copper.

36. Not just a coat of paint but a coat of armor using the antimicrobial properties of copper.

37. Not just a coat of paint but a coat of armor that provides a barrier against virus† and bacteria using the antimicrobial properties of copper.

38. The antimicrobial coat of armor that defends your walls using the antimicrobial properties of copper.

39. The armor that defends your walls against viruses† and bacteria using the antimicrobial properties of copper

40. Copper Armor limits the growth of bacteria and viruses on the surface and should be used to supplement regular cleaning and/or disinfection practices currently in place.

NON-FIFRA Claims

1. Interior Paint + Primer

2. Exceptional Durability & Hide

3. Outstanding Washability, Scrubbability & Stain Resistance

4. Advanced Leveling for a Smooth Finish

5. Low Odor

6. The base paint is formulated without VOCs. Colorants added to this base paint may increase VOC level significantly depending on color choice.

7. 100% Acrylic

8. Provides a mildew resistant coating

9. Excellent burnish resistance

10. High Hiding Coverage

11. Excellent Washability with Long-Lasting Color

LIMITED WARRANTY – PPG warrants your satisfaction with the performance properties of this product if it is properly applied to a properly prepared surface in accordance with label directions. PPG MAKES NO OTHER EXPRESS WARRANTIES. IN THE EVENT THE PRODUCT FAILS TO CONFORM TO THIS WARRANTY, PPG AS ITS SOLE LIABILITY AND IN LIEU OF ANY DIRECT OR INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES, WILL, AT YOUR OPTION, FURNISH REPLACEMENT PRODUCT OR REFUND THE PURCHASE PRICE - LABOR OR COSTS OF LABOR FOR THE APPLICATION OF ANY PRODUCT SPECIFICALLY ARE EXCLUDED. You must supply proof of purchase. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. To make a claim under this warranty contact the store where you purchased the product or; PPG Industries, Inc., One PPG Place, Pittsburgh, PA 15272.

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