

1067
PM 3/1
Reg. # 8120-24

Ameron Protective Coatings Div.
201 W. Berry St.
P.O. Box 1020
Ireia, CA 92621

22 MAR 1985

Attention: Mr. C. D. Stevens

Gentlemen:

Subject: Amercoat 273E Antifoaling Red
EPA Registration No. 8120-24
Your Submission Dated January 18, 1985
EPA Received Date: January 25, 1985

Your submission has been examined and the following comments apply:

- a. Please note that in the revised Confidential Statement of Formula the total weight of batch in column 18 is 1979.5 pounds instead of 1987.5 pounds as stated. This makes the percentages in block 19 different. Submit a revised Confidential Formula which would affect the correct total weight of batch and the accepted label.
- c. Note that this product contains 50% metallic copper.
- d. The proposed changes in the inert ingredient for this formulation would be acceptable.

The labeling referred to above, submitted in connection with registration under FIFRA is acceptable, provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

(I) For the label,

(a) See comment (c) in the paragraph above.

(b) For the necessary Pesticide Disposal instructions see (3)(1)(2) pg. 3 of the enclosed FR Notice 83-3 (The "Container Disposal" is adequate).

CONCURRENCES

SYMBOL								
DATE								

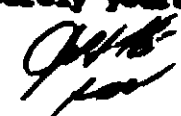
(II) For the label product Data Structure,

(a) See (I)(b) above for the "Storage and Disposal" on pg. 3.

2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,



John H. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (78-767C)

Enclosure

RD-DIS:JOB-91008:J.Lee:CBI-3:Kim:Kendrick:898-1270:3/18/85:Del.3/25/85

For Use in Commercial Shipyards Only

AMERCOAT. 275E

Antifouling RED

Made in accordance with formula 121

Active Ingredient: Cuprous Oxide	66.7%
Inert Ingredients:	33.3%
Copper as Metallic: 60.5%	100.0%

Keep out of reach of children

WARNING

Statement of Practical Treatment

If swallowed: Get medical attention

If inhaled: Remove to fresh air. If not breathing, give artificial respiration

If on skin: Wash with plenty of water

If in eyes: Flush with plenty of water

See side panel for additional Precautionary Statements

Precautionary Statements Hazards to Humans (and Domestic Animals)

Warning—Causes eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wear protective clothing such as gloves, long-sleeved cotton shirt, long pants, and hat. May be fatal if swallowed or inhaled. Do not breathe dust, vapor or spray mist. Wear a mask or respirator jointly approved by the Mining Enforcement and Safety Administration and the National Institute for Occupational Safety and Health. Remove contaminated clothing and wash before re-use. Wash thoroughly with soap and water after handling.

Statement of Practical Treatment—If swallowed: Drink promptly a large quantity of milk, egg whites, gelatin solution or, if these are not available, drink large quantities of water. Avoid alcohol. Get medical attention. If in eyes: flush with plenty of water. Get medical attention. If on skin: Wash with plenty of soap and water. Get medical attention. If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

EPA Est. No.: 8120 CA-1

EPA Registration No.: 8120-24

Environmental Hazards — Toxic to fish. Do not apply direct cleaning of equipment or disposal. Do not allow chips and dust generated by removal to enter water. Dispose of debris in an approved landfill. **Physical or Chemical Hazard** — Stable. Keep away from heat and in case of spillage, eliminate all sources.

Directions for Use—It is unlawful to use this product in a manner inconsistent with its labeling. See Product label for further use instructions.

Storage and Disposal — Permissible, or residue that cannot be used according to label instructions must be disposed of according to applicable Federal, State or local procedures. Container: Triple rinse, then offer for recycling or reuse, or puncture and dispose of in a landfill, or by other approved state or local procedures.

Warranty—Refer to Ameron's Warranty Sheet for Ameron's Warranty and instructions on this product.

DOT—Paint
UN 1263

Commodity No.
1747110

Ameron

Form 5260 (1/86)
Manufactured in USA

Protective Coatings Division • Home Office: 201 N. Berry Street, Brea, California
• J.F. Kennedy 7, 4191 MZ Geldermalsen, The Netherlands

Net Content
1 U.S.
3.78 L

Contact Ameron Technical Service Department for recommendations on compatible anti-corrosive coating systems to be used with Amercoat 275E.

PHYSICAL DATA

Finish.	Flat
Color.	Red
Applied over.	Vinyl or epoxy anti-corrosive coating systems. Contact Ameron Technical Service Department for specific recommendations.
Components.	1
Volume solids (from formula).	37.8%
Active Ingredient.	Cuprous oxide - 66.7% (by weight)
Inert Ingredients	33.3% (by weight)
Dry film thickness per coat.	2 mils (50 mu)
Coats.	1 to 2
Calculated coverage per coat at 1 mil (25 mu).	980 sq ft /gal (24.1 sq m/ltr)
2 mils (50 mu).	490 sq ft/gal (12 sq m/ltr)
ALLOW FOR APPLICATION LOSSES AND SURFACE IRREGULARITIES.	
Application.	Airless or Conventional spray
Drying times to recoat.	2 to 4 hrs min @ 70° F (21° C)
before immersion.	overnight at 70° F (21° C)
Flash Point (Tag Open Cup- ASTM D-1310.	70° F (21° C)
Thinner.	Amercoat 10 E
Cleaner.	Amercoat 12 E

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAR 22 1985

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

8120-24

Packaging.	5-gallon containers
Shipping weight (approximate) 5-gallon container.	Approximately 105 lbs (48 kg)
Shelf life.	1 year from shipment date when stored indoors at 40 to 100° F (5 to 38° C)

This product is non-photochemically reactive as defined in the California South Coast Air Quality Management District Rule 102 and equivalent regulations applicable to surface-applied coatings and solvents.

APPLICATION INSTRUCTIONS

Surface Preparation

Prepare in accordance with instructions for anticorrosive coating to be used.

Caution: When applying Amercoat 275E antifouling coating over epoxy or coal tar epoxy anticorrosive coatings, apply first coat of antifouling while anticorrosive (epoxy or coal tar epoxy) is still tacky. At temperatures above 50° F, the topcoat time will be between 4 and 8 hours. At temperatures below 50° F, the topcoat time will be within 48 hours. Failure to apply antifouling coating while anticorrosive is still tacky may result in poor adhesion between coatings and the eventual delamination of antifouling from the anticorrosive.

Application Equipment

The following equipment is listed as a partial guide and suitable equipment from other manufacturers may be used. Adjustments of pressures and change of tip size may be needed to achieve the proper spray characteristics.

Airless Spray - Standard airless spray equipment with a minimum capacity of 2500 psi (175.8 kg/sq cm) using available air supply. Can be sprayed with tips from .017" to .025" orifice.

Conventional Spray - Industrial equipment such as DeVilbiss MBC gun with #04 air cap and "E" fluid tip, 15 to 20 psi (1.0 to 1.4 kg/sq cm) pot pressure, 65 psi (4.6 kg/sq cm) gun pressure. Separate air and fluid pressure regulators, mechanical pot agitator and a moisture and oil trap in the main air supply line are recommended.

Environmental Conditions:

Air and Surface temperature: 0 to 120° F (-18 to 49° C)

The surface temperature must be at least 5° F (3° C) above the dew point to prevent moisture condensation.

PRODUCT DATA
Amercoat 275E
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MAR 22 1985

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

812-0-24

Application Procedure

- (1) Flush all equipment with Amercoat 10E Thinner or 12E cleaner before use.
- (2) If thinning is necessary for workability, add up to 1 pint Amercoat 10E Thinner per gallon Amercoat 275E and stir thoroughly.
- (3) Apply a wet coat in even, parallel passes, overlapping each pass 50% to avoid holidays, bare areas and pinholes. Follow with a cross spray pass at right angles to the first pass.
- (4) Clean all equipment with Amercoat 10E Thinner or 12E Cleaner immediately after use to remove dried or partially dried material.

Precautionary Statements Hazards to Humans (and Domestic Animals)

Warning - Causes eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wear protective clothing such as gloves, long-sleeved cotton shirt, long pants, and hat. May be fatal if swallowed or inhaled. Do not breathe dust, vapor or spray mist. Wear a mask or respirator jointly approved by the Mining Enforcement and Safety Administration and the National Institute for Occupational Safety and Health. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

Statement of Practical Treatment - If swallowed: drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Get medical attention. If in eyes: Flush with plenty of water. Get medical attention. If on skin: Wash with plenty of soap and water. Get medical attention. If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

Environmental Hazards - This material is toxic to fish. Do not apply directly to water by cleaning of equipment or disposal of wastes. Do not allow chips and dust generated during paint removal to enter water. Dispose of paint debris in an approved landfill.

Physical or Chemical Hazards - Flammable. Keep away from heat and open flame. In case of spillage, eliminate all sources of ignition.

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

Storage and Disposal - Pesticide, spray mixture, or rinsate that cannot be used according to label instructions must be disposed of according to Federal, state or local procedures. Container: Triple rinse or equivalent. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures.

Improper use and handling of this product can be hazardous to health and cause fire or explosion. Consult Code of Federal Regulations Title 29, Labor, parts 1910 and 1916 concerning occupational safety and health standards and regulations, as well as any applicable state and local regulations on safe practices in coating operations. Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined or enclosed spaces.

IF YOU DO NOT FULLY UNDERSTAND THESE WARNINGS AND INSTRUCTIONS, OR IF YOU CANNOT STRICTLY COMPLY WITH THEM, DO NOT USE THE PRODUCT.

Notice - This product is for industrial use only

WARRANTY

This Warranty pertains to a product containing chemicals required to be registered with the U. S. Environmental Protection Agency and supersedes Section 6 of Ameron Protective Coatings Division's Standard Terms and Conditions of Sale as listed on the invoice.

Ameron warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use, subject to the inherent risks referred to below. Ameron makes no other warranty express or implied of fitness or merchantability or any other express or implied warranty. If a product does not conform with this warranty, Buyer must notify Ameron within five days of discovery of the defect, but in no event later than one year after delivery date or the expiration of the applicable shelf life, whichever is shorter. Ameron's sole obligation under this warranty shall be at its option, to credit Buyer's account, or to supply replacement material or repair. Failure to notify Ameron of nonconforming goods under this warranty, within the time specified above, shall bar Buyer from recovery hereunder. In no case shall Ameron be liable for consequential, special, indirect, punitive or other damages resulting from the use or handling of this product. Ameron offers this product and Buyer accepts it, subject to the conditions of sale and warranty which may be varied only by a written agreement signed by a duly authorized representative of Ameron.

The directions for use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials or the manner of use or application, all of which are beyond Ameron's control. All such risks are assumed by Buyer.

201 North Berry Street
Brea, California 92621
Tielweg 7
4101 NE Geldermalsen, The Netherlands

Ameron.
Protective Coatings
Division

R5/83 Supersedes 1/81