DEC 23 1992

Ameron Protective Coatings Division 201 N. Berry Street P.O. Box 1020 Brea, CA 92621

Attention:

Christine Stanley

Subject:

Amercoat 275E Red Antifouling EPA Registration No. 8120-24

Your Submission Dated December 10, 1992

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), to update your labeling is acceptable provided that you comply with the items listed below.

- 1. Submit/cite all data required for registration/of your reregistration product under section 3(c)(5) and section 4 when the Agency requires all registrants of similar products to submit such data.
- 2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

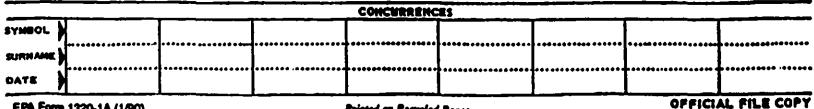
If these conditions are not complied with, the registration be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

If you have any questions concerning this letter please contact Marshall Swindell at (703) 305-6908.

Sincerely yours,

John H. Lee Product Manager 31 Antimicrobial Programs Branch Registration Division (H7505C)



EPA Form 1320-1A (1/90)

Printed on Recycled Paper

PM31

8120-21

Procautionary Statements - Hazards to Humans (and Domestic Animals): Varning! Vapor and spray mist can be harmful; irritating to eyes, skin, mucous membranes and respiratory system. Can cause headache, nausea, dizziness, ashpyxiation or lung injury. Can be harmful if inhaled or swallowed. Possible eye and skin burns or injury. Overexposure to spray mirt can damage kidneys, liver and blood.

Statement of Practical Treatment- For overexposure to vapor, spray mist or dust, provide fresh air; if breathing is labored, give artificial respiration or oxygen. For skin contact, wash thoroughly with soap and water. For eyes, flush immediately with plenty of water for at least 15 minutes and get medical attention. If svallowed, drink 1 or 2 glasses of water to dilute. Do not induce vomiting. Avoid alcohol. Consult physician or poison control center immediately. Treat symptomatically.

Hygienic practices- Wash thoroughly after use and before eating, smoking or using washroom. Keep away from feed or food products. Launder contaminated clothing before use.

Physical or Chemical Hazards:Flammable. Kr > away from heat, sparks, arc and open flame. Avoid breathing vapor, dust, spray mist or contact with eyes and skin. Use adequate ventilation during mixing, application and drying. Reports associate repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Year protective equipment such as goggles, face protection, gloves, full protective clothing properly fitted, positive-pressure, air-supplied respirator (TC 19C NIOSH/MSHA) during mixing, spraying and until all vapors and mists are gone. In confined, poorly ventilated areas, use airline, hood-type respirator and explosion- and s ark-proof equipment. Welding and cutting can produce hazardous fumes and gases; follow the American Hational Standard Z49.1 - 1988, "Safety in Welding and Cutting."

COMMODITY NO.

Form 5260 (#3/91) Manufactured in U.S.A. For Use in Commercial Shippards Only
AMERCUATA

275E - Red
ANTIFOULING

Made in accordance with formula 121

Active Ingredient: Cuprous Oxide 66.7%

Iner+ Ingredients:

33.3% 100.0%

Copper as Metallic: 60.5%

KEEP OUT OF REACH OF CHILDREN

WARNING!

EPA Est. No: 8120 CA-1 EPA Registration No: 8120-24

See other cautions on side panel and MSDS. Use only in accordance with instructions accompanying shipment.

AMERONA

Protective Coatings Division Home Office: 201 N. Berry Street Brea, California 92622-1020

ACCEPTED
with CONFIGNATI
in EPA Locer Dutch

DEC 23 1992

Fundamental Francisco (Control of Control of

Fire - Blanke Wear NIOSI air-supplied

Spillage - E sparks. Use a separate, clo accordance wi

Environmental fish. Do no equipment, di and dust gen water. Displandfill.

Directions for Law to use to with its lab further use :

Storage and well-ventilat upright when food or feed Disposal: Pe disposal of violation of be disposed instructions, Environmental Office, Haza Triple rinse recycling, re of in a land local procedu

VARRANTY - Re Ameron's warr this product.

Non-Photochem DOT-Paint UH VOC: 322 g/L thinned - 38

Net Contents:

and the second s

Amercoat 275E and 277E comply with MIL-P-15931D grades A and B.

Contact Ameron Technical Service Department for recommendations on anticorrosive coatings systems compatible with Amercoat 275E or 277E.

#### **Application instructions**

)urface preparation-Prepare in accordance with instructions for liticorrosive coating to be used.

Caution: When applying Amercoat 275E/277E 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 or soft to nail yessure. Failure to apply anti-ouling coating while anticorrosive is still tacky may result in poor adhesion between coatings and eventual delamination of antifouling from the anticorrosive.

## **Application Equipment**

ne following is a guide. Suitable )quipment from other manufacturers may be used. Changes in pressure and tip size may be needed for proper spray characteristics.

Airle s spray—Standard equipmer with a minimum capacity of 2500 psi (175.8 kg/cm²) using available air supply. Can be sprayed with tips from 0.017- to 0.025-inch orifice.

Conventional spray—Industrial equipment such as DeVilbiss MBC gun with 704 air cap and "E" ill-iid tip, 15 to 20 psi (1.0 to 1.4 kg/cm²) gun pressure. Separate air and fluid pressure regulators, mechanical pot gitator and a moisture and oil trap in the main air supply line are recommended.

# Application Procedure

## Safety Precautions

- 1. Flush all equipment with Amercoat 10E thinner.
- 2. If thinning is necessary for workability, add up to 1 pint Amercoat 10E per gallon of Amercoat 275E or 277E and stir thoroughly.
- 3. Apply a wet coat in even parallel passes, everlap each pass 50 percent to avoid holidays, bare areas and pinholes. Cross spray at right angles to first pass.
- 4. Clean all equipment with Amercoat 10E immediately after use.

Hazards to Humans and Domestic Animals—Flammable. Warning! Contains cuprous oxide, butyl acetate, butyl alcohol, vinyl chloride resin. Vapor and spray mist can be harmful: irritating to eyes, skin, mucous membranes and respiratory system. Can cause headache, nausea, dizziness, asphyxiation or lung injury. Can be harmful if inhaled, swallowed or absorbed through skin. May cause possible eye or skin injury.

First aid—Overexposure to vapor, provide fresh air. If breathing is labored, give artificial respiration or oxygen. For skin contact, wash thoroughly with soap and water. For eyes, flush immediately with plenty of water for at least 15 minutes and get

| Pilysical Lata                                      |                               |
|---|-------------------------------|
| Finish  | . Flet                        |
| Color   |                               |
|   | 277E black                    |
| Components  |                               |
| Curing mechanism                                    | . Solvent release             |
| Volume solids                                       |                               |
| calculated  | . 63%                         |
| Dry film thickness                                  |                               |
| per coet  | . 2 mHs (50 microns)          |
| Theoretical coverage <sup>2</sup>                   | ft²/gai m²/L                  |
| 1 mii (25 microns)                                  | . 1010 24.8                   |
| 2 mHs (50 microns)                                  | . 505 12.4                    |
| voc   |                               |
| Flash point   | •F •C                         |
| Amercoat 275E/277E Amercoat 10E                     |                               |
| Amercoat IDE  | . 27 -3 SETA                  |
| Application Data                                    |                               |
| Applied over  |                               |
|   | anticorrosive costings        |
| Surface preparation                                 |                               |
|   | coating                       |
| Method  |                               |
|   | tional spray                  |
| Environmental condition                             |                               |
| Temperature   | *F *C<br>. 0 to 120 -18 to 49 |
|   |                               |
| Surface temperatures mu<br>above dew point to preve |                               |
| •   |                               |
| Drying time (ASTM D164)                             |                               |
| topcost   |                               |
| Time before immersion a                             |                               |
| 70°F (21°C)   |                               |
| Thinner and cleaner                                 |                               |
|   | · PROBLEMAN INC.              |
| Shipping Data                                       |                               |
| Backanian   | A. and contin                 |

Improper use and handling of this product can be heardone to health and cause fire or explosion. Safety precautions with application instructions must be strictly followed during slorage, handling, application and drying periods.

- 1 Numerical values are subject to normal manufacturing telerances, eclors and testing variances.
- 2 Allow for application losses and surface trogularities.

medical attention. If swallowed, induce vomiting and call physician immediately.

Hygienic practices—Wash thoroughly after use and before sting, smoking or using ashroom. Keep away from feed or food products. Launder contaminated clothing before use.

Hazards—Avoid heat, sparks, arc and open flame; breathing vapor, dust, spray mist or contact with eyes and skin. Use adequate ventilation during mixing, application and drying. Reports associate repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Wear protective equipment such as goggles, face protection, gloves, full protective ositive-pressure, air-supplied Ispirator (TC 19C NIOSH/MESA) uring mixing, spraying and until all vapors and mists are gone. In confined, poorly ventilated areas, use airline, hood-type respirator and explosion- and spark-proof equipment. Welding and cutting can produce hazardous fumes and gases; follow the American ational Standard Z49.1 - 1983, Safety in Welding and Cutting.

Environmental hazards—
Material toxic to fish. Do not apply directly to water by cleaning equipment, disposal of wastes or allow chips or dust generated pring paint removal to enterwater. Dispose of paint debris in approved landfill.

Fire—Blanket flames with foam, CO<sub>2</sub>, dry chemical. Wear NIOSH/MSHA certified, self-contained air-supplied respirators.

Spillage—Eliminate all sources of ignition or sparks. Use absorbent

cleanup materials; place in separate, closed, metal container and dispose of in accordance with all applicable regulations.

Directions for use—It is a violation of federal law to use this product in a manner inconsistent with its labeling or application instructions.

Storage and disposal—Store in cool, dry, well-ventilated area. Keep container closed and upright when not in use. Do not contaminate water, food or feed by storage or disposal.

Container—Triple rinse or equivalent. Container and wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

This product is nonphotochemically reactive as defined by the California South Coast Air Quality Management District Rule 102 and equivalent regulations.

Important: Improper use and handling of this product can be hazardous to health and cause fire or explosion. Proper ventilation and protective measures must be provided during application and drying to keep solvent vapor concentrations within safe limits and to protect personnel against toxic hazards. This is especially true in confined spaces such as tank interiors. Consult code of Federal Regulations Title 29, Labor, parts 1910, 1915 and 1916 concerning occupational safety and health standards and regulations, as well as any other applicable federal 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.

#### Minmoty

Ameron warrants its products to be free from defects in material and workmans in Ameron's sole obligation and foliver's exclusive remedy in connection with the products shall be limited, at Ameron's option, to either replacement of products not conforming to this Warranty or credit to Buyer's account in the invoiced amount of the nonconforming products. Any claim under this Warranty must be made by Buyer to Ameron in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the delivery date, whichever is earlier. Buyer's failure to notify Arrieron of such nonconformance as required herein shall bar Buyer from recovery under this Warranty

Ameron makes no other warranties concerning the product. No other warranties, whether express, implied, or statutory, such as warranties of merchantability or fitness for a particular purpose, shall apply. In no event shall Ameron be liable for consequential or incidental damages.

Any recommendation or suggestion relating to the use of the products made by Ameron, whether in its technical literature, of in response to specific inquiry, or other wise, is based on data believed to be reliable, however, the products and information are intended for use by Buyers having requisite skill and know-how in the industry, and therefore it is for Buyer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that Buyer has done so, at its sole discretion and risk. Variation in environment, changes in procedures of use, or extrapolation of data may cause unsatisfactory results.

#### Limitation of Liability

Ameron's liability on any claim of any lund, including claims based upon Ameron's negligence or strict liability, for any loss or damage arising out of, connected with, or resulting from the use of the products, shall in no case exceed the purchase price allocable to the products or part thereof which give rise to the claim. In no event shall Ameron be liable for consequential or incidental damages.

ACCEPTED with COLMENTS in EPA Letter Dates:

Under the Federal Insecticide.

Fungicide and Descripte Are
as securicil, for the public to the publ

4636 Firestone Boulevard Bouth Gate, California 90280 Tbi: (213) 564-2511 FAX: (213) 563-6207 Tbi: 421274 AMERONMYPK

