



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

DEC 16 2003

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Mr. Michael Winter
Technical Manager for,
Sigma Coatings USA B.V.
P. O. Box 816
Harvey, LA 70059

Subject: Sigmaplane Ecol HA Antifouling Redbrown 5294
EPA Registration Number 11350-34
Your Amendment Dated September 25th, 2003
EPA Received Date October 1st, 2003

The Agency is conditionally approving your amendment to the registration above under the authority of FIFRA Section 3(c)(7)(B). This amendment allows the product labeling to be revised to comply with PR Notice 2001-1, is acceptable under the following conditions.

This amendment will expire automatically on June 1st, 2004. In addition, during the 2.5 year period that this amendment is effective, it will be subject to the conditions listed below.

1. The following data must be submitted, and found to be acceptable by June 1st, 2004. If you have the studies that you believe satisfy these data requirements you must satisfy the data requirements by June 1st, 2004.

Failure to satisfy the data requirements listed below may result in EPA issuing a notice to cancel this amendment under FIFRA section 6(e). This conditional Sale or distribution of the subject product bearing for these food contact uses after March 22nd, 2003, will be illegal.

- A. Submit the following studies within 18 months(i.e., by June 1st, 2004) of the date stamped of this Conditional Registration:

GLN 72-4 Fish Early Life Stage (Rainbow Trout)
GLN 165-5 Accumulation Studies(Oysters)
GLN 122-1 *Tier I Seedling Emergence and
GLN 122-1 *Tier I Vegetative vigor, or
GLN 123-1 *Tier II Seedling Emergence, and
GLN 123-1 *Tier II Vegetative vigor

*For antifouling use rice(Oryza sativa). In Tier I tests (for pesticides with unknown phytotoxic potential), only the maximum label dosage is used. If the maximum label dosage is not known or if the pesticides is a known phytotoxic, testing would begin at Tier II. Testing at the Tier II level requires use of a minimum of 5 dosages (dose response testing) in order to establish the EC25, or 25% effect level and the NOAEC (no adverse effect level) or an EC05. TEP testing is required.

GLN 123-1 Tiers I and II floating aquatic macrophyte using Lemna gibba.

C. Submit two (2) copies of the revised final printed labeling before you release the product for shipment.

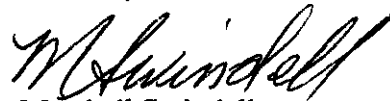
Please note: According to the Registration Notice issued on July 16th, 2002, the basic registered product name for this product is Sigmaplane Ecol HA Antifouling Redbrown 5294. The Agency does not review nor stamp additional brand name(s) labeling.

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

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

If you have any questions concerning this letter, please contact Karen M. Leavy-Munk at (703)-308-6237.

Sincerely,



Marshall Swindell
Product Manager 33
Regulatory Management Branch I
Antimicrobial Division(7510C)



SIGMA COATINGS

SIGMAPLANE ECOL HA ANTIFOULING

REDBROWN

5294

ACTIVE INGREDIENTS:

CUPROUS OXIDE	39.0%
4,5-DICHLORO-2-N-OCTYL-4-ISOTHIAZOLIN-3-ONE	2.4%
OTHER INGREDIENTS	58.6%
	100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE FIRST AID AND OTHER PRECAUTIONS
ON SIDE PANEL
FOR COMMERCIAL USE ONLY

395

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING

Refer to Sigma's "Technical Data Sheet on SigmaplaneEcol HA Antifouling 5294" for complete directions before using. For use on steel and fiberglass boat hulls to control barnacle growth in fresh and salt water. Do not apply below 36 degrees F unless care is taken to insure absence of frost or ice. Surfaces to be painted shall be free of dirt, oil, grease and other surface contaminants. Apply in accordance with Sigma's directions or specifications given in the Technical Data Sheet for 5294. For steel surfaces, apply only over recommended primers as recommended in the Technical Data Sheet. For fiberglass surfaces, use only the primer recommended in the Technical Data Sheet.

FOR USE IN COMMERCIAL OR GOVERNMENT SHIPYARDS ONLY. NOT INTENDED FOR USE IN MARINAS OR PLEASURE CRAFT

STORAGE AND DISPOSAL

PROHIBITIONS

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE STORAGE

Avoid storage where the product may become contaminated or containers damaged. Store between 40 and 110 degrees F.

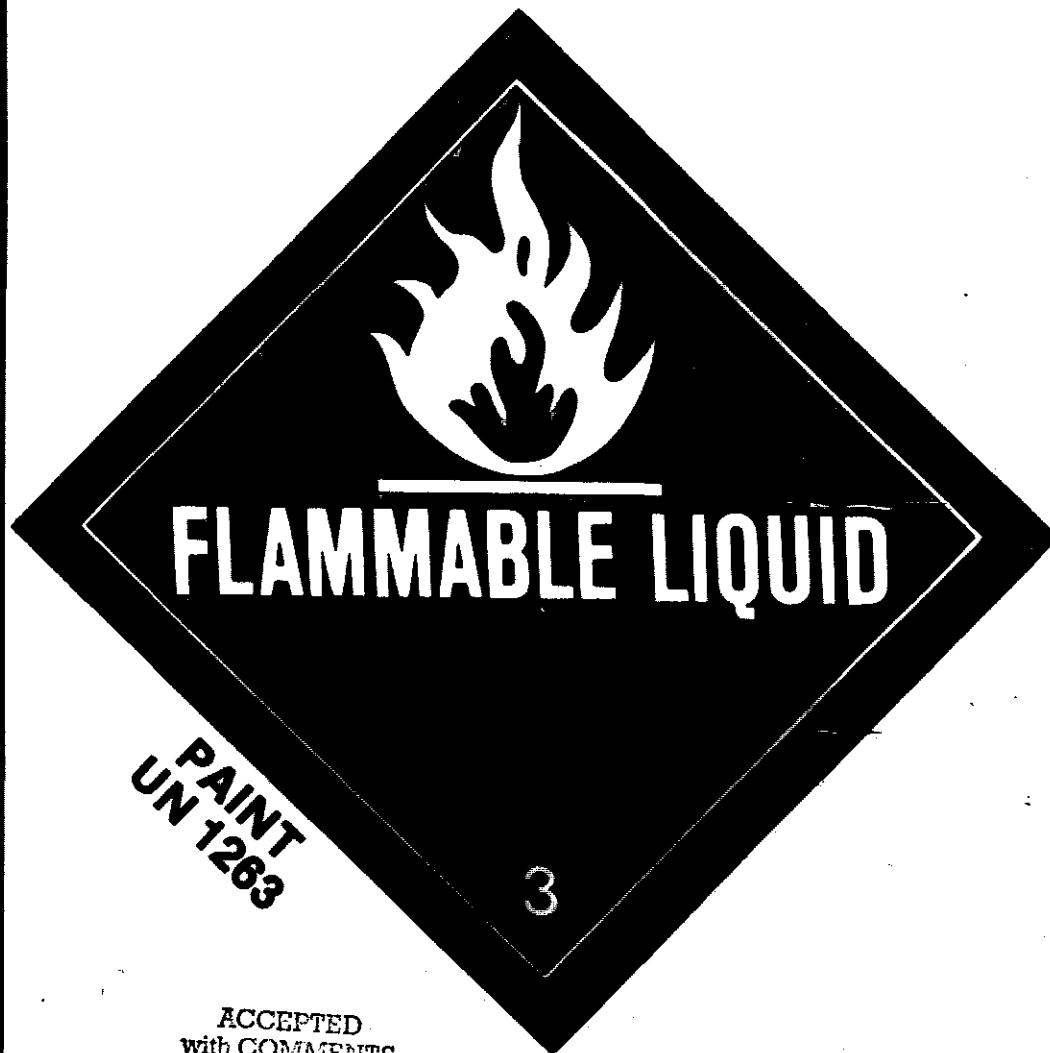
PESTICIDE DISPOSAL

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of federal law. Dispose in accordance with all regulations under the Resource Conservation and Recovery Act (RECRA). If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL

METAL CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in sanitary landfill or by other Approved State and Local procedures.

NET CONTENT: 5 U.S. GALLONS



ACCEPTED
with COMMENTS
in EPA Letter Dated:

DEC 16 2003

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

11350-34

425

**PRECAUTIONARY
STATEMENTS
HAZARDS TO HUMANS
AND DOMESTIC
ANIMALS
CAUTION**

CAUSES MODERATE EYE IRRITATION. HARMFUL IF INHALED. AVOID BREATHING SPRAY MIST. WASH HANDS BEFORE EATING, DRINKING, CHEWING GUM, USING TOBACCO OR USING TOILET. AVOID CONTACT WITH EYES AND CLOTHING. REMOVE CONTAMINATED CLOTHING AND WASH CLOTHING BEFORE REUSE.

UNPROTECTED PERSONS SHOULD BE KEPT OUT OF THE TREATMENT AREAS WITHIN A DISTANCE OF 100 FEET. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. AVOID CONTACT WITH SKIN. WEAR A FULL FACE SHIELD. AVOID BREATHING VAPOR, MIST, DUST, OR CHIPS FROM PAINTING OR SANDING. WHILE SPRAYING PAINT OR SANDING BOAT SURFACE, WEAR A SUPPLIED-AIR OR POWERED AIR PURIFYING RESPIRATOR (PAPR) APPROVED BY NIOSH FOR USE WITH PAINTS AND COATINGS.

WEAR A TYVEK HOODED COVERALL OR THE EXACT EQUIVALENT, COVERALLS BENEATH THE TYVEK HOODED COVERALLS, IMPERVIOUS GLOVES AND IMPERVIOUS FOOTWEAR THAT PROTECTS THE LOWER LEGS. REMOVE CONTAMINATED CLOTHING AND DISCARD AFTER EACH USE, DO NOT REUSE. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING AND SMOKING.

FIRST AID	
IF IN EYES	<ul style="list-style-type: none"> • 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 THE EYE. • CALL A POISON CONTROL CENTER OR DOCTOR FOR TREATMENT ADVICE.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> • 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 INHALED	<ul style="list-style-type: none"> • 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. • CALL A POISON CONTROL CENTER OR DOCTOR FOR FURTHER TREATMENT ADVICE.
IF SWALLOWED	<ul style="list-style-type: none"> • 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. • AVOID ALCOHOL. • DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONCIOUS PERSON.
HAVE THE PRODUCT CONTAINER OR LABEL WITH YOU WHEN CALLING A POISON CONTROL CENTER OR DOCTOR, OR GOING FOR TREATMENT.	
NOTE TO PHYSICIAN	
PROBABLE MUCOSAL DAMAGE MAY CONTRAINDICATE THE USE OF GASTRIC LAVAGE. CONTAINS PETROLEUM DISTILLATES.	

ENVIRONMENTAL HAZARDS

THIS PESTICIDE IS TOXIC TO FISH AND AQUATIC INVERTEBRATES. DO NOT DISCHARGE EFFLUENT CONTAINING THIS PRODUCT INTO LAKES, STREAMS, PONDS, ESTUARIES, OCEANS, OR OTHER WATERS UNLESS IN ACCORDANCE WITH THE REQUIREMENTS OF A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT AND THE PERMITTING AUTHORITY HAS BEEN NOTIFIED IN WRITING PRIOR TO DISCHARGE. DO NOT DISCHARGE EFFLUENT CONTAINING THIS PRODUCT TO SEWER SYSTEMS WITHOUT PREVIOUSLY NOTIFYING THE LOCAL SEWAGE TREATMENT PLANT AUTHORITY. FOR GUIDANCE CONTACT YOUR STATE WATER BOARD OR REGIONAL OFFICES OF THE EPA. DO NOT APPLY DIRECTLY TO WATER BY CLEANING OF EQUIPMENT OR DISPOSAL OF WASTES. DO NOT ALLOW CHIPS AND DUST GENERATED DURING PAINT REMOVAL ENTER WATER. DISPOSE OF PAINT DEBRIS IN AN APPROVED LANDFILL. WEAR PROTECTIVE CLOTHING AND SUPPLIED AIR RESPIRATOR IN ACCORDANCE WITH THE PRECAUTIONARY STATEMENTS ABOVE WHEN HANDLING, PAINTING OR REMOVING THIS PAINT.

PHYSICAL OR CHEMICAL HAZARDS

FLAMMABLE: KEEP AWAY FROM HEAT AND OPEN FLAME

EPA EST. NO. 11350-LA-1

EPA REG. NO. 11350-34

525