

89101-1

5/22/2014

117



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510C)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg.

Number:

89101-1

Date of

Issuance:

Term of Issuance:

Conditional

Name of Pesticide Product:

Tefcite

NOTICE OF PESTICIDE:

Registration

Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Reintjes Marine Surface Technologies, LLC
3800 Summit Street
Kansas City, MO 64111

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA Section 3(c)(7)(A) provided that you:

1. Submit and/or cite all the data required for registration of your product under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit required by registration review under FIFRA Section 3(g).
2. Make the following labeling changes:
 - a. Revise the EPA Registration Number to read, EPA Reg. No. 89101-1.
 - b. Place the appropriate EPA Establishment Number on the product labeling.

Signature of Approving Official

Marshall Swindell, Product Manager, Team 33
Regulatory Management Branch I, Antimicrobials Division

Date:

MAY 22 2014

Page 2
EPA Reg. No. 65402-8

2. Submit three copies of the final printed label prior to releasing this product for sale.

The Confidential Statement of Formula dated June 17, 2012, is acceptable.

A stamped copy of the label 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.

Sincerely,



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

RMS

Reintjes Marine Surfaces Technologies, LLC
3800 Summit St
Kansas City, MO 64111

Tefcite Label – May 8, 2014

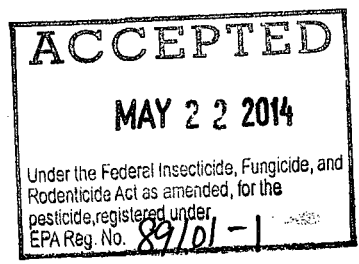
TEFCITE

Thermoplastic antifouling powder coating to prevent hard and soft fouling on all fiberglass, wood and metallic substrate surfaces, carbon fiber composites and fiberglass reinforced plastics (FRP) of pleasure and commercial vessels and stationary structures in freshwater and saltwater

ACTIVE INGREDIENTS:

Cuprous Oxide*	56.500%
Zinc	0.054%
Silver	0.018%

OTHER INGREDIENTS:	43.428%
TOTAL	100.000%



*Metallic copper equivalent.....50%

KEEP OUT OF REACH OF CHILDREN

WARNING

FIRST AID	
If in eyes:	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15 to 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 on skin or clothing:	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. 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. For medical emergencies involving this product, call CHEMTREC at 1-800-424-9300, 24 hours a day, seven days a week.	

Manufactured by:
Reintjes Marine Surface Technologies, LLC
3800 Summit Street
Kansas City, MO 64111

EPA Reg. No.

EPA Est. No.

Net Weight: _____ (lbs.) (kg)

4/7

RMS

Reintjes Marine Surfaces Technologies, LLC
3800 Summit St
Kansas City, MO 64111

Tefcite Label – May 8, 2014

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Warning. Causes substantial but temporary eye irritation. Avoid contact with skin of clothing. Do not get in eyes, on skin or on clothing. Wear goggles, face shield or safety glasses and chemical-resistant (such as nitrile or butyl) gloves. 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. Wear long-sleeved shirt, pants, socks and shoes and chemical-resistant (such as nitrile or butyl) gloves.

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.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and handlers must wear the following PPE:

- While spraying paint or sanding boat or other surfaces, wear a forced-air respirator jointly approved by the Mine Safety and Health Administration and the National Institute for Occupational Safety and Health.
- Hood with face shield.
- Long-sleeved shirt, pants, socks and shoes.
- Chemical-resistant (such as nitrile or butyl) gloves

USER SAFETY REQUIREMENTS

Users must:

- Leave protective contaminated protective clothing, shoes, chemical-resistant gloves and any other PPE contaminated with the product at the application site.
- Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.
- Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product. Do not reuse them.
- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

RMS

Reintjes Marine Surfaces Technologies, LLC
3800 Summit St
Kansas City, MO 64111

Tefcite Label – May 8, 2014

DIRECTIONS FOR USE

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

For use on fiberglass, wood and metallic substrate surfaces, carbon fiber composites and fiberglass reinforced plastics (FRP) in fresh and salt water to control zebra mussels and other hard and soft-shelled marine organisms. Do not use this product on aluminum boats.

Apply Tefcite to the surface of the vessel after it has been removed from the water and is in dry dock, boat yard or another land facility.

Surface preparation

The surface to be coated should be smooth, dry, clean and free of contaminants. The surface of a vessel that has had no previous application of an antifoulant product should be checked to make sure the surface is clean and free of any material that would interfere with application of Tefcite. The surface of a vessel that has had previous application of an antifoulant product should be cleaned in an appropriate manner to remove any previous product. Failure to fully remove any previously-applied product may result in improper adherence of Tefcite to the surface of the vessel. Metal surfaces should be grit blasted to achieve a 3 mil profile on steel surfaces. Grit blasting is not required on fiberglass surfaces. Tefcite can be applied onto gel-coated and epoxy-sealer surfaces.

Preparation for coating

Pails containing Tefcite should be thoroughly shaken to remix particles that may have settled during shipping or storage.

Installation

Tefcite must be applied with the RMS-EP-250 high-velocity spray gun and related components or the RMS/HVOF thermoplastic spray gun and related components.

Warning: Tefcite can only be used with the RMS-EP-250 high-velocity spray gun and related components or the RMS/HVOF thermoplastic spray gun and related components. Standard Thermospray Plasma, HVOF and Combustion guns cannot be used to apply Tefcite, because they will provide overheated powder constituents and may cause rapid degradation and hazardous vaporization and polymerization.

NOTE: Tefcite must not be applied by electro-static powder guns or by hot-flocking.

RMS

Reintjes Marine Surfaces Technologies, LLC
3800 Summit St
Kansas City, MO 64111

Tefcite Label – May 8, 2014

Attach the thermo spray gun to the closed, self-contained mixing and transfer (metering and pumping) and vacuum recovery and filtration systems by the supplied hoses. Empty Tefcite into the powder feeder of the mixing and transfer system. Set the meters to deliver the product at the rate required to achieve the recommended film thickness and specified surface area, and then transfer the powder using the metered pumps to deliver the required amount of powder through the hose to the thermo spray gun. The thermo spray gun will deliver 18.75 lbs. of product per hour to achieve a film thickness of 6 mils and 25 lbs. of product per hour to achieve a film thickness of 8 mils.

Apply 6-8 mils thickness of Tefcite to the surface to be coated. The thermo spray gun's powder feeder holds up to 200 lbs. of Tefcite. The table below lists pounds of Tefcite required to coat the given surface areas to the specified mil thicknesses. Based on the area of coverage and mil thickness desired, empty the correct amount of Tefcite specified in the Table below into the powder feeder of the metering and pumping system.

Pounds of Tefcite	Area of Coverage at 6 mils (ft ²)	Area of Coverage at 8 mils (ft ²)
50	444	333
100	889	667
150	1333	1000
200	1778	1333

Proper coating can be achieved using the prescribed equipment (RMS-EP-250 high-velocity spray gun and system components or the RMS/HVOF thermoplastic spray gun and system components) and process parameters. Tefcite must be applied by holding the thermo spray gun 4 to 6 inches from the ship's hull and making two steady, smooth and even side-to-side passes over the ship's hull. Tefcite must be applied by experienced applicators. Installing this product without the assistance of an experienced applicator is done at the risk of the installer.

Equipment Cleaning: No solvents are required for cleaning the application equipment. After the application has been completed, the RMS-EP-250 high-velocity spray gun and system components and the RMS/HVOF thermoplastic spray gun and system components can be cleaned by using the attached vacuum recovery and filtration system to remove any residual Tefcite from the system. Should a powder injector become clogged during operation, turn off the system and remove the clog using a pipe cleaner, and then use the vacuum cleaner to remove any residual material.

RMS

Reintjes Marine Surfaces Technologies, LLC
3800 Summit St
Kansas City, MO 64111

Tefcite Label – May 8, 2014

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store this product in a cool, dry, ventilated area, away from direct sunlight and heat to avoid deterioration. Keep container closed when not in use.

PESTICIDE DISPOSAL: To avoid wastes, 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 industry).

CONTAINER HANDLING:

REFILLABLE CONTAINER – Refill this container with pesticide only. Do not use this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing the container. Cleaning before refilling is the responsibility of the refiller. If pail is contaminated and cannot be reused then dispose of the pail in a sanitary landfill, or by incineration if allowed by state or local authorities.

CONTAINER CLEANING - To clean the container before final disposal, completely empty container by shaking and tapping sides and bottom to loosen clinging powder. Powder can also be removed by vacuuming powder from container. Empty residue into application equipment. Then offer for recycling if available, or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

BATCH CODE:

LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read This Limitation of Warranty and Liability Before Buying or Using This Product. If the Terms Are Not Acceptable, Return the Product at Once, Unopened, and the Purchase Price Will Be Refunded

Reintjes Marine Surface Technologies, LLC warrants that this produce conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by law, this warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to or beyond the control of Seller or Reintjes Marine Surface Technologies, LLC, and Buyer and User assume the risk of any such use.

US Patent Nos. 8,030,592, 7,910,648, 8,329,261 and 8,637,590 B2