

Date: November 13, 1985

006438

Applicant: EPA File Symbol: 748-ELN

Reg. Chem and Prod. Prevention Unit, Agency for

Delors & Johnson  
116/128 F 11/1/85

Henry Jacoby  
Product Manager (C)

Applicant: PPG Industries, Inc.  
151 College St., P.O. Box 127  
Springdale, PA 15144

Active Ingredients:

Bis (tributyltin) oxide (BTO) . . . . . 0.50%

Solvent [C (trichloromethyl)  
thio] phthalimide . . . . . 0.80%

Inert Ingredients . . . . . 98.70%

Background: Submitted Data (Nasal, Vaginal, Dermal, Route Inhalation, Eye Irritation and Primary Dermal Irritation Studies). Studies conducted by Testes Laboratory. Studies under accession number 254917. A Dermal Irritation Study was also submitted, data under accession number 255203. Method of support not indicated. Although verte data was not received until November 13, 1985 however label was stamped acceptable March 15, 1985.

Recommendations:

USFWS/288 finds these data acceptable to support conditional registration of the product. However for future submissions please note, in the Primary Dermal Study individual scoring for erythema and edema for all animals at 24 and 72 hours after treatment must be submitted.

006438

1089





INFORMATION WHICH MAY REVEAL AN INERT INGREDIENT IS NOT INCLUDED

Toxicity Category: III (moderate)

(2) Acute Normal Toxicity Study: Biotin Sulfonyl,  
Report 84-1353 June 4, 1984.

Lesions: Two out of four male rabbits of the  
1st group died. The other mortalities reported  
by the reporter included languidness, pelvic  
ataxia, inco, depressed respiration, cyanosis,  
whole body tremors, epistaxis, myeloma,  
convulsions, hunched posture, lacrimation,  
anorexia, scratching and scratching up of abdomen,  
near-lethargic immobility, conjunctivitis, ptosis,  
hypermetria, vasculization, labored respiration in  
1st group and [redacted] group. Slight  
languidness, ataxia and mild diarrhoea were  
the signs reported in uninfected control groups.  
Moderate to marked capillary injection noted  
in all three groups; moderate to severe myeloma  
and slight to severe edema noted in 1st group  
and [redacted] group. LD 50 reported to be  
greater than 2.0 g/kg in 1st group and  
[redacted] group.

4-

Study Classification: Low Hazard Data

Toxicity Category: III - (CAUTION)

(3) Acute Inhalation Toxicity Study: Rats Fed. Exposed;  
Report 84-135; June 4, 1984.

Procedure: Five male and five female rats were exposed nasally for four hours to a geometric concentration of 96.2 mg/m<sup>3</sup> (nose respiration at 302.5 mg) of the test material. Two other groups consisting of unexposed air each were treated in a similar manner as previously mentioned group except [redacted] on air only was used. Observations were made for 14 days after treatment exposure. Necropsy performed on all animals.

Results: The mortalities reported in all of the groups. Signs included slight respiratory distress, ataxia, nasal mucus and few protracted deaths; slight sneezing, rales, slight hiccups in test group. Light coagulable to a soft consistency; slight white body hemorrhage in [redacted] group. Necropsy revealed moderate pulmonary congestion, enlarged adrenal glands and test group [redacted] group [redacted] and the control group. Stomach in small intestine and blood stomach in [redacted] group used. Lung congestion and enlarged pulmonary bronchioles in the control group also noted at necropsy.

Study Classification: Low Hazard Data

Toxicity Category: III - (CAUTION)

(4) Primary Irritant Inhalation Study: Beagle Dog  
Report 84-135; June 4, 1984.

006438

4

Procedure: Nine New Zealand rabbits received 0.1 ml. of the test material at two scheduled and three unscheduled sites per rabbit for 24 hours. Observations made according to the procedures in (163, N.S., p. 5720, of the Federal Register for August 22, 1978 and J. H. DeGeorge (1959) technique.

Results: Report indicated some erythema was observed at some of the scheduled and unscheduled sites at 24 and 72 hours after the test administration. Irritation was not observed by day 7.

Study Classification: Low Maximum Data Schedule for Irritation and Erythema for each animal at 24 and 72 hours post-treatment and to be submitted.

Priority Category: II - WARNING

Designation/Study: Biotech Laboratory; Report 84-155; June 9, 1984.

Procedure: Nine New Zealand rabbits received 0.1 ml. of the test material one eye each. The treated eyes of three of the rabbits were washed with lukewarm tap water 20 to 30 minutes after treatment. Observations made according to the Federal Register, August 22, 1978, part II, pp. 37360, 37361-4 and J. H. DeGeorge (1959).

Results: No eye irritation reported in any of the nine animals treated.

Study Classification: Low Hazardous Data

Priority Category: IV - CAUTION



(C) Personal Investigation Study: Guinea Subcutaneous  
 Report 84-445, October 11, 1964, EM Number 225, 305

Procedure: Twenty guinea pigs, second strain of the test material, to which ~~the~~ dose was then injected in 1-inch square gauge and measured. Dose applied to guinea pigs for 6 hours exposure. Applications during the induction phase were applied three times a week for three weeks starting one dose application. Two weeks after each dose, challenge dose was applied. Observations made at 6, 24, and 48 hours post-treatment.

Results: At 48 hours post induction phase treatment 100 animals had slight reactions; at 24 hours, 12/20 had slight reactions at 48 hours post challenge dose phase treatment, 40% positive reactions; at 24 hours, 100 positive reactions; at 48 hours, 100 positive reactions. It was therefore concluded that this product is an irritant.

Study Classification: Can Guinea Pig

Toxicity Category: Sensitizing

006438

R48-ECN

77-773

Water Repellant

Front Panel

Logo

Exterior

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

REZ® Stain &amp; Wood Preservative

MAR 15 1985

Semi-Transparent - Oil

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticides  
registered under EPA Reg. No.  
748-250

Winter White 77-773

EPA Reg. No.

EPA Est. No.

Exceeds Federal Specifications TT-W-572B Paragraph 3.7 for  
Water Repellancy

## Active Ingredients:

Bis(tributyltin)oxide (TBTO)	0.50%
Folpet [n-([trichloromethyl]thio) phthalimide]	0.80%
Inert Ingredients	98.70%
Total	100.00%

KEEP OUT OF REACH OF CHILDREN

WARNING!

See Back Panel For Additional Precautions

Net 1 Gallon/3.78 L

Back Panel

PRECAUTIONARY STATEMENT - HAZARDS TO HUMANS AND DOMESTIC ANIMALS.

## WARNING!

CONTAINS PETROLEUM DISTILLATE AND Bis(tributyltin)oxide and  
Folpet [n-([trichloromethyl]thio)phthalimide]Harmful or fatal if swallowed; may be absorbed through skin.  
Causes skin irritation. Avoid breathing vapor or spray mist. Do  
not get in eyes, on skin, or on clothing.FIRST AID STATEMENT: If swallowed, do not induce vomiting. Call  
a physician immediately. In case of contact, immediately flush  
eyes or skin with plenty of water. Get medical attention if  
irritation persists.Note: Wear goggles, rubber gloves, and protective clothing when  
applying or handling treated lumber.

006438

7

000430

Avoid applying in direct sun light or when surface temperature is below 60° F. (10° C). No thinning is usually required. If necessary, thin up to 25% with a 50/50 mixture of paint thinner and linseed oil. If applied by spray, stains must be back rolled or brushed to provide maximum substrate wetting and penetration to prevent premature failure. Stain effects may vary slightly in color on different species of wood. Test in a remote area before proceeding.

Drying: Normally dries in 2 to 4 hours at 77° F (25° C) and 50% Relative Humidity. May be recoated in 24 hours.

Clean-Up: Paint Thinner

Side Panel

Label Date Code: 20484

PPG Industries, Inc.  
Coatings and Resins  
Pittsburgh, PA 15272  
(412) 434-3131

**YOUR SATISFACTION IS GUARANTEED**

PPG guarantees your satisfaction with this product. If you're not satisfied, simply return the unused portion of the product to the store where you bought it, with proof of purchase and the dealer will refund your purchase price or furnish you with replacement product whichever you prefer.

006438

3



006438

ENVIRONMENTAL HAZARDS: Do not direct water or wetlands. Do not contaminate by use of equipment or disposal of wastes.

PHYSICAL/CHEMICAL HAZARDS: Keep away from heat, sparks or flame. Use with caution. Do not take internally. Close containers each.

STORAGE AND DISPOSAL: Secure original container in several layers of newspaper and dispose. Do not reuse container. Rinse thoroughly before disposal.

For Emergency Medical or Spill Action, (304) 843-1300.

Important: Spray equipment with due care and in accordance with manufacturer's recommendations. Spraying of any material can be hazardous. Wear eye protection, and protective clothing.

#### REZ® Stain -- Semi-Transparent

This semi-transparent stain protects wood and repels water. It exceeds the Federal Specification for water repellency, TT-W-572-B Paragraph 3.7.

REZ® stain enhances the natural beauty of wood and resists cracking, peeling, and the adverse effects of the sun's harmful rays. It will guard against wood rot and mildew growth on the stain.

Where to Use: Decks, porches, eaves, shakes, fencing, shingles, wood trim, stained wood surfaces. Do not use below, on previously painted wood surfaces, or on abraded surfaces.

#### Directions For Use:

It is a violation of federal law to use this product in a manner inconsistent with its label.

Coverage: Approx. 300 to 500 sq. ft. (27.7 to 46.5 sq. m) per gallon (3.78 L) depending on texture.

Surface Preparation: Surface must be free from dirt, saw dust, loose fibers, mildew, oil, stain, grease, and other surface contamination. Sand and spot prime all ferrous nails and fill voids with putty. Sand surface smooth, always with the grain. For bleeding, such as redwood or red cedar, which stains are not recommended.

Application: Stir thoroughly. Apply even coat by brush, pad, spray or roller. Apply to ends, cuts and edges.

006438

9