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JUN 24 1986

Kirkland & Ellis  
655 Fifteenth Street NW.  
Washington, DC 20005

Attention: John A. Zackrison

Gentlemen:

Subject: Creosote Wood Preserving Solution  
EPA Registration No. 11668-1  
Your Application Dated May 14, 1986

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable subject to the comments listed below. Five copies of the finished labeling must be submitted.

- In the fourth paragraph under "Directions for Use," make appropriate correction to sentence which reads "to heat, store in warm room . . ." i.e., either add or delete parentheses.

The updated Confidential Statement of Formula you submitted has been added to our files.

Sincerely yours,

Henry M. Jacoby  
Product Manager (21)  
Fungicide-Herbicide Branch  
Registration Division (TS-767C)

Enclosure

88740: Jackson: J-9: KENCO: 6/16/86: 6/20/86: eg: VO  
CONCURRENCES

SYMBOL ▶							
SURNAME ▶							
DATE ▶							

**DRAFT LABEL TEXT --  
CREOSOTE WOOD PRESERVING SOLUTION**

**A. FRONT PANEL LANGUAGE**

**RESTRICTED USE PESTICIDE  
[Equivalent in size to "CAUTION"]**

For sale to and use only by certified applicators or by persons under their direct supervision and only for those uses covered by the certified applicators' certification.

**T&R BRAND CREOSOTE WOOD PRESERVING SOLUTION**

Designed to protect wood which is to be used above or below ground from dry rot, fungi, etc.

Uses

- Posts
- Fences
- Shingles
- Pilings
- Studdings

**ACCEPTED  
with COMMENTS  
in EPA Letter Dated:**

**JUN 24 1986**

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

11668-1

ACTIVE INGREDIENT:

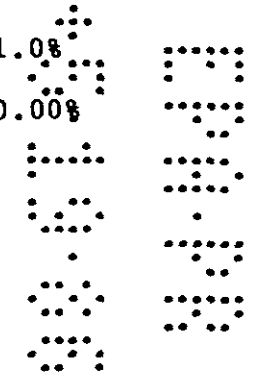
Coal Tar Creosote ..... 66.7%

INERT INGREDIENTS:

Petroleum Hydrocarbons ..... 32.3%

Water and Free Carbon (Max) ..... 1.0%

Total ..... 100.00%



DANGER

KEEP OUT OF REACH OF CHILDREN  
(See Warning on Back Panel)

Net Contents:    — Liters  
                  — Gallons 1/

T&R Chemicals Inc.  
P.O. Box 330 o Clint, Texas 79836

EPA Reg. No. 11668-1    EPA Estb. No. 11668-TX-1

B. SIDE/BACK PANEL LANGUAGE

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

DANGER

May be fatal if swallowed, inhaled or absorbed through the skin. Do not breath vapors or spray mist. Causes skin irritation. Do not allow to contact skin, eyes, or clothing.

Refer to cautions for use around domestic animals under "Requirements for Home or Farm Use."

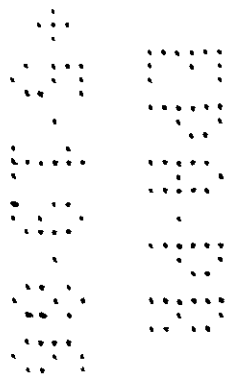
FIRST AID/PRACTICAL TREATMENT: In case of swallowing, induce vomiting by administering an emetic. Call a physician. To remove from skin, wash with plenty of warm water and soap. If in eyes, flush with plenty of water. Call a physician.

Environmental Hazards

Keep out of lakes, streams, or ponds. Do not contaminate water by cleaning of equipment, or disposal of wastes.

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1/ To be sold in 1-quart, 1-gallon, 5-gallon and drum sizes.



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Physical or Chemical Hazards

COMBUSTIBLE. Do not use, pour, spill or store near heat or open flame.

T&R BRAND CREOSOTE WOOD PRESERVING SOLUTION

DIRECTIONS FOR USE

Restricted Use:

For sale to and use only by certified applicators or by persons under their direct supervision and only for those uses covered by the certified applicators' certification.

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

Maximum penetration will be achieved when applied at temperature above 90°F.; solution thickens slightly in cold weather. Do not paint treated surfaces as the creosote will "bleed" through the paint film.

This creosote solution is for application to clean, dry, well seasoned surfaces only. Replace all rotted or termite infested wood and cut or shape wood to desired final form before application. Mix contents thoroughly and if any crystal formation appears in container, heat the solution until the formation is dissolved. To heat, store in warm room or place container with lid off) in another container of water that may be heated. Do not place container directly over fire.

Dip Application: Immerse wood for 1 hour in a bath of creosote solution that has been heated to 100°F. to 130°F. Remove the wood and let dry for 4 to 6 hours before handling. It is extremely important that wood treated in this manner be completely peeled and thoroughly seasoned.

Brush Application: Heat the creosote solution to 100°F. to 130°F. Flood the heated solution over the surface with a brush, so as to completely fill all checks and defects. After approximately 24 hours, or after the surface is dry, apply a second coat in the same manner.

Spray Application: Heat the solution to 100°F. to 130°F. and apply 2 coats with any standard spray equipment. This method is not recommended during cold weather.

Hot and Cold Bath Application: Immerse the wood in a bath of creosote solution that has been heated to 100°F. to 130°F. The temperature of the solution should be kept above 125°F. for 2 hours, then allowed to cool before removing wood. If 2 baths are available, remove the wood from the first bath at the end of 2 hours and place it in a second tank containing unheated T&R Creosote Wood Preserving Solution for 2 hours. After 2 hours, remove the wood and let dry 4 to 6 hours before handling.

Note: Brush, spray, and dip applications are less effective than the hot and cold bath process and should only be used when the bath process is not available.

GENERAL HANDLING DIRECTIONS

Requirements for All Uses:

Applicators must wear gloves impervious to the wood treatment formulation (e.g., polyvinyl acetate (PVA), polyvinyl chloride (PVC) or neoprene) in all situations where dermal contact is expected (for example, during the actual application process and when handling freshly treated wood).

Applicators must not eat, drink or use tobacco products during those parts of the application process that may expose them to the wood treatment formulation.

Wash thoroughly after skin contact, and before eating, drinking, use of tobacco products, or using restrooms.

Work and protective clothing must be changed when it shows signs of contamination. Dispose of worn-out work and protective clothing and workshoes or boots in any general landfill, in the trash, or in any other manner approved for pesticide disposal.

Note to User:

As used on this label, the term "respirators" means properly fitting, well-maintained half-mask canister or cartridge respirator which is MSHA/NIOSH-approved for polynuclear aromatics and organic vapors. Examples of acceptable impervious materials for protective clothing (e.g., gloves, overalls, head covering, jackets, and boots) required during application and handling of creosote are polyvinyl acetate (PVA), polyvinyl chloride (PVC), or neoprene and NBR (Buna-N). Urethane, epoxy, and shellac are acceptable sealers for all creosote-treated wood.

Requirements for Home and Farm Use:

Spray applicators must wear protective clothing (including overalls, jackets, gloves, boots, and head covering) impervious to the wood treatment formulation, and a respirator and goggles when spraying.

Applicators who apply creosote by other application processes (e.g., brush-on) must wear long-sleeved shirts, long pants and an impermeable apron. Launder work clothing separately from other household laundry.

Avoid inhaling vapors. If inhalation of vapors cannot be avoided, applicators must wear a properly fitting, well-maintained half-mask canister or cartridge respirator which is MSHA/NIOSH-approved for polynuclear aromatics and organic vapors.

Do not apply where there may be direct contact with domestic animals or livestock, and where there may be contamination of food, feed, or drinking and irrigation water.

Do not apply in interiors. Do not apply to wood intended for use in interiors except for those support structures which are in contact with the soil in barns, stables, and similar sites and which are subject to decay or insect infestation. Interior surfaces of the treated wood should be sealed with two coats of an appropriate sealer. Sealers may be applied at the installation site.

Do not apply creosote to wood intended for farrowing or brooding facilities. Do not apply creosote to wood intended to be used in the interiors of farm buildings where there may be direct contact with domestic animals or livestock which may crib (bite) or lick the wood. Creosote may be used to treat wood intended to be used in interiors of farm buildings where domestic animals or livestock are unlikely to crib or lick the wood, if two coats of an appropriate sealer will be applied. Sealers may be applied at the installation site.

Do not apply to wood intended to be used in a manner in which the preservative may become a component of food or animal feed. Examples of such sites would be structures of containers for storing silage or food.

Do not use this product to treat wood intended to be used for cutting boards or counter tops.

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Do not use this product to treat wood intended for construction of those portions of beehives which may come into contact with the honey.

Do not use this product to treat wood intended for use where it may come into direct or indirect contact with public drinking water, except for those uses involving incidental contact such as docks and bridges.

Do not use this product to treat wood intended to be used where it may come into direct or indirect contact with drinking water for domestic animals or livestock, except for uses involving incidental contact such as docks and bridges.

Wood to be treated with this product should be cut to size before treatment. If it is necessary to saw or machine wood after treatment, wear goggles to protect the eyes from flying particles and a dust mask to avoid inhaling sawdust from the treated wood. If oily preservatives or sawdust accumulate on clothes, launder before re-use. Wash work clothes separately from other household laundry.

Contact with treated surfaces should be avoided even after the preservative has dried. When handling treated wood wear long-sleeved shirts, long pants and impervious gloves (e.g., vinyl coated). Wash exposed skin thoroughly after contact with treated wood and before eating, drinking or using tobacco products.

Wood which has been treated with this product should be disposed by burial or ordinary trash collection. Do not burn treated wood in an outdoor fire or in stoves or fireplaces because toxic chemicals may be produced as part of the smoke and ashes.

This product should not be used to treat wood which will be in frequent or prolonged contact with skin, unless the wood will be treated with an effective sealer.

Requirements for Use in Non-pressure Treatment Plants:

Spray applicators must wear protective clothing (including overalls, jackets, gloves, boots, and head covering) impervious to the wood treatment formulation, and a respirator and goggles when spraying.

Applicators who apply creosote by other application processes (e.g., brush-on) must wear disposable coveralls or other suitable impermeable protective clothing.

Individuals who enter, clean or repair vats, tanks or other related equipment that is contaminated with the wood treatment formulation (e.g., tanks that are in operation or are not free of the treatment formulation) must wear protective clothing (including overalls, jacket, gloves and boots) impervious to the wood treatment formulation, and goggles and a respirator.

Protective clothing must be changed when it shows signs of contamination. Applicators must leave protective clothing and workshoes or boots and equipment at the plant. Worn-out protective clothing and workshoes or boots must be left at the plant and disposed of in any general landfill, in the trash, or in any other manner approved for pesticide disposal.

Avoid inhaling vapors. If inhalation of vapors cannot be avoided, applicators must wear a properly fitting, well-maintained half-mask canister or cartridge respirator which is MSHA/NIOSH-approved for polynuclear aromatics and organic vapors.

Requirements For Groundline Treatment of Utility Poles:

Applicators must wear long-sleeved shirts, long pants and an impermeable apron during the application and mixing processes and all situations where dermal contact is expected.

STORAGE AND DISPOSAL

Do not store near heat or open flame. Do not contaminate water, food, or feed by storage or disposal.

Do not reuse empty containers. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Following home or farm use only, rinse container thoroughly, then securely wrap original pesticide container in several layers of newspaper and discard in the trash.

For farm use: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.



LIMIT OF WARRANTY AND LIABILITY

This company warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use. This product is sold subject to the understanding that the buyer assumes all risks of use or handling which may result in loss or damage which are beyond the control of the seller, such as for example incompatibility with other products and the manner of its use or application. NO OTHER EXPRESSED OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY IS MADE. The exclusive remedy of the buyer, and the limit of liability of this company or any other seller for any and all losses, injuries or damages resulting from the use or handling of this product shall be the purchase price paid by the user or buyer for the quantity of this product involved. The buyer and all users are deemed to have accepted the terms of this notice which may not be varied by any verbal or written agreement.