

Pentachlorophenol Label

Presented By:
John Wilkinson,
Manager of Penta Task Force

The logo consists of five vertical bars of varying heights and colors (green, brown, orange, yellow, and olive) arranged in a pentagonal shape. The word "PENTA" is written in white, bold, uppercase letters across the middle of the bars.

PENTA

DURA-TREAT WOOD PRESERVATIVE

Restricted Use Pesticide

Sold as a Penta Solution Concentrate

And

One Ton Solid Block

**Used For Pressure and Thermal
Treatment of Wood**

The logo consists of several vertical bars of varying heights and colors (green, brown, orange, yellow, olive) stacked on top of each other. The word "PENTA" is written in white, bold, capital letters across the middle of the bars.

PENTA

REQUIREMENTS FOR RISK MANAGEMENT

COMPLIANCE IS MANDATED
BY LAW

The logo for PENTA is located in the bottom right corner. It consists of the word "PENTA" in white, bold, sans-serif capital letters. The letters are overlaid on a series of vertical bars of varying heights and colors: a short green bar under 'P', a tall orange bar under 'E', a medium yellow bar under 'N', and a short dark brown bar under 'A'.

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**OVERVIEW OF CURRENT LABEL
APPROVED NOVEMBER, 2010, BY U.S.
EPA.**



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DIRECTIONS FOR USE

REQUIRED PERSONAL PROTECTIVE EQUIPMENT



- I. All personnel handling treated wood or equipment that has come in contact with the preservative **MUST** wear the following:

washable or disposable **COVERALLS** or long sleeved shirts and long pants; chemical resistant **GLOVES**, **SOCKS** and industrial grade **SAFETY WORK BOOTS** with chemical resistant soles.



- II. Personnel who work with or maintain the treatment equipment must **ALSO** wear a **FULL FACE SHIELD**, in addition to protective clothing mentioned above.



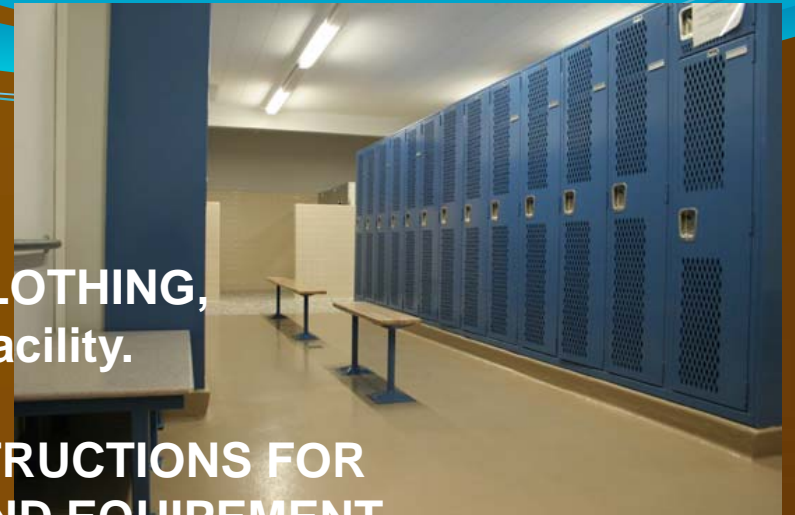
- III. In the event of a malfunction, personnel located within 15 feet of the cylinder opening must wear a **PROPERLY FITTING HALF MASK ELASTOMERIC RESPIRATOR** with appropriate cartridges or filters, in addition to the protective clothing mentioned above.



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USER SAFETY REQUIREMENTS

- Personnel must **LEAVE CONTAMINATED CLOTHING, FOOTWEAR AND EQUIPMENT** at treatment facility.
- Personnel must follow manufacturer's **INSTRUCTIONS FOR CLEANING AND MAINTAINING CLOTHING AND EQUIPEMENT.**
- Personnel must **DISCARD** and **NOT REUSE** clothing that has been drenched by preservative concentrate.
- **NO EATING, DRINKING OR SMOKING** in or around cylinder work area or in engineering control room of wood treatment facilities.
- Personnel must **REMOVE REQUIRED PROTECTIVE CLOTHING AND EQUIPEMENT** immediately after handling product, being sure to wash outside of gloves before removing, and change into clean clothing before eating or drinking, etc.



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APPLICATION RESTRICTIONS

I. For EXTERIOR USE ONLY

II. NOT intended for INTERIOR home and farm use

III. Must NOT be used for pressure or thermal treatment of logs used in log homes, EXCEPT FOR LOGS WHICH WILL BE IN CONTACT WITH GROUND and therefore subject to decay. After treatment, these logs must be coated with two coats of an appropriate SEALER.

IV. DURA-TREAT must be DILUTED WITH A PETROLEUM SOLVENT DILUENT, such as kerosene, fuel oil, mineral spirits or petroleum distillates. Specifics for desired volatility on label.

V. For use in COMMERCIAL PRESSURE FACILITY that allows for attainment of proper retention and penetration levels to make product suitable for ground contact.

VI. Wooden members must be free of bark before subjected to treatment.

The logo for PENTA is located on the right side of the slide. It consists of the word "PENTA" in white, bold, sans-serif capital letters. The letters are arranged horizontally and are partially overlaid by several vertical bars of varying heights and colors, including shades of brown, tan, and green. The background of the slide is a dark brown gradient with a blue and white wavy pattern at the top.

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POST-TREATMENT PROCEDURES

- I. Wood must be placed in a FINAL VACUUM to remove excess preservative. Specific requirements for this procedure will vary according to the intended use of the wood, the type of wood and the kind of equipment in individual plants and are stated on label.

- II. Once treatment process is complete, CYLINDER MUST BE VENTILATED according to requirements spelled out on the label, which indicate specific volume exchanges of fresh air based on cylinder size; specific requirements for termination of exhaust pipe for air purge; specific requirements for personnel protection during purging process, including their clothing and proximity to the cylinder during purging.

- III. Only AFTER VENTILATION is complete may the cylinder door be completely opened.

- IV. Wood must be MOVED TO DRIP PAD capable of recovering excess preservative until wood is drip free.

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NEW REGULATIONS, Effective as of DECEMBER 31, 2013

- I. For elevated temperature pressure treatment with Pentachlorophenol, automatic, REMOTELY OPERATED DEVICES must be used to open, close, lock and unlock cylinder doors.
- II. For ambient pentachlorophenol treatments, an AUTOMATIC LOCKING/UNLOCKING DEVICE must be used to accomplish lock and unlocking of the cylinder door.
- III. Cylinder openings and door pits must use GRATING AND ADDITIONAL MEASURES, such as sumps, dams or other devices which prevent or remove spillage of the preservative.
- IV. Personnel must NOT DIRECTLY HANDLE the charge cables, poles or hooks used to retrieve charge cables or other equipment that has contacted the preservative without wearing chemical resistant gloves.
- V. MECHANICAL METHODS must be used to place/remove bridge rails.

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STORAGE REQUIREMENTS

I. KEEP AWAY FROM FIRE: do not store near open flame

II. CONTAINMENT AREAS are required

III. DO NOT MIX with other pesticides or preservatives

IV. Do NOT STORE where TEMPERATURES EXCEED 150 DEGREES

A decorative graphic on the right side of the slide. It features four vertical bars of varying heights and colors: a green bar on the left, a tall orange bar in the center, a shorter yellow bar to the right of the orange bar, and a dark brown bar on the far right. The word "PENTA" is written in white, bold, capital letters across the middle of these bars.

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DISPOSAL REQUIREMENTS

- I. Pesticide wastes are toxic and **MUST BE DISPOSED OF ACCORDING TO LABEL INSTRUCTIONS.** Contact your local EPA office Hazardous Waste representative for guidance.

- II. For **DISPOSAL OF CONTAINERS:** triple rinse; then offer for recycling or reconditioning or puncture and dispose of in sanitary landfill or as approved by state and local authorities.

The logo for PENTA features the word "PENTA" in white, bold, sans-serif capital letters. The letters are centered horizontally and partially overlaid by several vertical bars of varying heights and colors, including shades of brown, tan, and olive green. The background of the logo area is a dark brown gradient.

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**PLEASE CONSULT LABEL FOR
FURTHER DETAILS
REGARDING
SAFE
USAGE OF DURA-TREAT AND
CURRENT
REQUIREMENTS FOR
COMPLIANCE
WITH ITS LAWFUL USE.**

The logo graphic consists of several vertical bars of varying heights and colors (green, brown, orange, yellow) arranged in a cross-like pattern. The word "PENTA" is written in white capital letters across the center of these bars.

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