

# TIMBER SPECIALTIES K-33™(C-60) WOOD PRESERVATIVE

## CCA SOLUTION WOOD TREATMENT (For Pressure Plant Use Only)

INDUSTRIAL

DANGER



POISON



CORROSIVE

READ THE LABEL BEFORE USING

REGISTRATION NO. 19612 PEST CONTROL PRODUCTS ACT

ACTIVE INGREDIENT: Chromium, present as chromic acid ..... 15.34%  
Arsenic, present as arsenic acid ..... 13.00%  
Copper, present as cupric oxide ..... 8.39%

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NET CONTENTS: TANK TRUCK DELIVERY

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### DIRECTIONS FOR USE:

Treatment of wood with this product provides protection against termites and fungal decay.

For use only in pressure treatment processes. Dilute with water to achieve a treating solution of 0.5 – 10% active ingredients. Treat the wood using the pressure treatment procedures consistent with the equipment being used and standard treatment practices. Treatment conditions must be calibrated to yield the target retention levels found in the following table:

Decay Susceptibility	Commodity	Target Retention (kg/m <sup>3</sup> )
Above Ground	sawn products, plywood, laminations	4.0
Ground/Freshwater contact	sawn products, plywood, laminations, posts	6.4
	sawn products (in extreme decay conditions)	8.0
	plywood, poles & posts (extreme decay conditions)	9.6
	pilings	12.0
Salt Water (Marine) contact	pilings, sawn products	24.0

Store treated lumber on a roofed drip pad until dripping has ceased. Slope lumber on the drip pad to expedite drainage and to ensure that no puddles remain on the surface of the wood. Manage drippage and other related wastes to prevent release in the environment. Drip aprons must be roofed, paved and drained to prevent dilution and loss of treatment solution. DO NOT expose treated lumber to rains immediately after treatment. Conditions MUST be provided whereby the wood can undergo FIXATION. The treated wood should be released from the protected fixation area only after CCA fixation has been verified by an acceptable test method. For further information on storage, handling and disposal of treated wood, contact the manufacturer of this product or the provincial regulatory agency.

All operation procedures must be consistent with the Environment Canada document: *Recommendations for the Design and Operations of Wood Preservation Facilities – Technical Recommendation Document* (as amended from time to time).

**GENERAL LIMITATIONS:**

DO NOT apply this product in a way that will contact workers or bystanders, either directly or through drift. Only protected handlers may be in the area during application.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

DO NOT apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands), or estuarine/marine habitats.

DO NOT discharge effluent containing this product into sewer systems, lakes, streams, ponds, estuaries, oceans or other waters.

**TREATED WOOD USE LIMITATIONS:**

CCA can only be used for treatment of wood in the following categories:

1. Poles for highway and utility uses.
2. Fence Posts and Poles for use on farms and piles, and round, half-round, and quarter round fence posts and rails; Poles, round posts, and posts sawn four sides used as structural members on farms, and plywood used on farms.
3. Round Poles and Posts Used in Building Construction.
4. Sawn Crossarms.
5. Wood for Marine construction (salt and brackish water immersion) and structures above the water level (including cross bracing of 50 mm x 200 mm (2" x 8") and/or 75 mm x 150 mm (3" x 6") and larger nominal dimensions) subject to frequent salt water splash from wave action and degradation by marine organisms.
6. Land, fresh water, foundation and marine piles.
7. Lumber and plywood for Permanent Wood Foundation.
8. Sawn Timbers 125 mm (5") and thicker used to support commercial structures or residential stilt home structures.
9. Structural Glued-Laminated Members and Laminations before Gluing (mechanical fasteners may be used in combination with, or in lieu of glue) limited to commercial/industrial uses.
10. Plywood.
11. Structural Composite Lumber.
12. Shakes and shingles.
13. Wood for highway construction, including lumber for bridges and structural members; lumber for cribbing, culverts and bridge parts; land, fresh water and salt water piles; structural lumber in salt water; posts (fence, guard rail, guide, sign and sight); lighting poles; bridge hand rails, guardrails, posts, and structural composite lumber.
14. Lumber, Timbers and Plywood for Cooling Towers.
15. Lumber for Roller Coaster Construction.
16. Wood for construction of Road Salt Storage Buildings.
17. Forest products treated with this product may only be sold or distributed for the uses noted above.

DO NOT BURN CCA-TREATED WOOD EXCEPT IN FACILITIES AUTHORIZED FOR DISPOSAL OF SUCH PRODUCTS. DO NOT USE CCA-TREATED WOOD AS A COMPOST OR MULCH.

**PRECAUTIONS:**

**POISONOUS IF SWALLOWED. KEEP OUT OF REACH OF CHILDREN.**

Exposure may result in severe eye damage and skin burns, rash or ulcerated skin. May be fatal if inhaled, absorbed through skin or swallowed. Do not get on eyes, on skin, or on clothing. Use with adequate ventilation. Do not store near heater or open flame, food or feed. Store concentration in a secure area.

Do not carry, store or consume food or drink in working areas (for example, areas where preservatives are stored or used, or where freshly treated wood is stored). Do not carry or smoke cigarettes in working areas. Wash hands thoroughly before leaving working areas and before eating, drinking, smoking or using the toilet facilities. Do not expose cuts or abrasions to preservatives. Wash skin immediately if contact with preservative solutions occurs. Get immediate first aid if skin or eyes contact preservative solutions. Even small contact exposures should receive immediate cleaning and treatment.

Change outer clothing immediately if splashed with preservative solutions. Change clothing daily if any

incidental contact with the treatment chemical occurs. Wash contaminated clothing separately from other clothing. Wear impermeable footwear in all working areas. Preservative solutions may penetrate leather shoes and apparel. Shower daily immediately after work. All work clothing and boots must be left at the plant. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

**PROTECTIVE CLOTHING AND EQUIPMENT:**

Activity	Personal Protective Equipment
Retort Opening/Charge Removal/Handling treated lumber	Wear approved respirator if air concentrations are unknown or at or above TLVs Wear rubber boots, impermeable gauntlets, face shield or goggles when opening retort doors and removing and unloading charges Wear impermeable gauntlets when handling freshly treated wood Wear impermeable gloves, apron or rain suit, and boots if there is potential for getting wet by CCA solution
Load Jams	Cylinder Entry: If retort TLV levels are exceeded or concentration is unknown, wear self-contained full-face respirator mask, impermeable coveralls, boots and impermeable gauntlets If TLV levels are below regulatory limits; wear NIOSH-approved respirator, impermeable coveralls, boots and gauntlets
Equipment Maintenance	Welding Contaminated Equipment: Wear an approved respirator
Unloading Bulk CCA Concentrate	Wear chemical goggles or face shield, impermeable gauntlets, coveralls, impermeable aprons and impermeable shoes or boots
Preparing CCA work solutions	Wear full face protection, impermeable gauntlets, coveralls, impermeable aprons and impermeable shoes or boots for all operations involving direct exposure to CCA concentrates
Sampling procedures	Wear eye protection and impermeable gauntlets when sampling CCA solutions (including full face protection with CCA concentrates) Wear impermeable gloves when taking borings from freshly treated wood
Cleaning cylinders, fixation chambers or storage tanks	Wear NIOSH-approved respirators (or breathing apparatus), impermeable gauntlets, apron (rubber or polyethylene coated) and rubber boots during all vessel entries
Handling and maintaining contaminated equipment	Wear impermeable apron, gauntlets and boots if there is potential for getting wet by CCA solution

Refer to the *Recommendations for the Design and Operations of Wood Preservation Facilities - Technical Recommendations* document (Environment Canada) for a complete listing of precautions, handling instructions and personal hygiene.

**DISPOSAL:**

For Non-Bulk Containers:

1. Triple-rinse with water prior to disposal. Rinse water should be used for the preparation of working solutions.
2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.

For Refillable Containers: The container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse the container for any other purpose.

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

**FIRST AID:**

**IF SWALLOWED:** Promptly have the exposed person drink a large quantity of milk, egg whites, gelatin solution or water if the aforementioned are unavailable. Never give liquids to an unconscious person. Do not induce vomiting. Get medical attention or call poison control centre immediately for subsequent advice. (Stomach pumping by medical personnel is desirable).

**IF ON SKIN OR CLOTHING:** Flush contaminated area immediately with flowing water. Subsequently remove contaminated clothing. Continue to flush contaminated skin for at least 15 minutes. Call a poison control centre or doctor for treatment advice. Get prompt medical attention if the skin becomes inflamed (redness, itchiness or pain).

**IF INHALED:** Immediately remove the exposed person to fresh air. If breathing has stopped call 911 or an ambulance, then apply artificial respiration. Keep the affected person warm and quiet. Get immediate medical attention or call a poison control centre for treatment advice.

**IF IN EYES:** Immediately flush eyes with flowing water, occasionally lifting the upper and lower lids. Flush eyes for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Use boric acid solution and cortisone ophthalmic drops. Get medical attention or call a poison control centre for treatment advice.

**CHRONIC SYMPTOMS REQUIRING MEDICAL REFERRAL:** Ulceration of the skin or mucous membrane (breaks in the skin, disintegration of tissue, plus formation), abdominal pains and other persistent symptoms of illness.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION:** Treat Symptomatically.

**ENVIRONMENTAL HAZARDS:**

This product is toxic to aquatic organisms and wildlife. DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes. DO NOT apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands), or estuarine/marine habitats. DO NOT discharge effluent containing this product into sewer systems, lakes, streams, ponds, estuaries, oceans or other waters.

**NOTICE TO USER:**

This pest control product is to be used only in accordance with the directions on the label. It is an offense under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.