

Cahaba Timber Co., Inc.
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SECTION I — PRODUCT IDENTIFICATION

PRODUCT NAME: Chromated Copper Arsenate (CCA) Pressure-Treated Wood

SYNONYM: CCA-treated wood

PRODUCT USE: Treated wood

CHEMICAL FAMILY: NA

CAS NUMBER: None

PROPER SHIPPING NAME: NA

DOT HAZARD CLASS: NA

SECTION II — HEALTH/SAFETY ALERT

HANDLING MAY CAUSE SPLINTERS
AIRBORNE WOOD DUST MAY CAUSE RESPIRATORY, EYE AND SKIN IRRITATION

WARNING: Some forms of components of the liquid preservative used to manufacture this product (arsenic and chromium) have caused lung, skin and possibly other cancers in humans occupationally or environmentally overexposed. SUCH EXPOSURES HAVE NOT OCCURRED WITH TREATED WOOD USE.

SECTION III — HEALTH HAZARD INFORMATION

EYE: Treated or untreated wood dust may cause mechanical irritation.

SKIN: Prolonged and/or repeated direct contact with treated or untreated wood dust may cause mild, transient irritation. See Section XII — COMMENTS.

INHALATION: Finely divided treated or untreated wood dust may cause nose, throat or lung irritation and other respiratory effects. Breathing excessive amounts of wood dust (primarily hardwood) has been associated with nasal cancer in some industries. Burning treated wood can release toxic metals into ash and possibly smoke. See Section XII — COMMENTS.

INGESTION: Not anticipated to be a health problem. A single ingestion by a small child of a large amount (approximately 2.5 oz. 6 cubic inches) of treated wood dust may require immediate medical attention. See Section IV — NOTE TO PHYSICIAN, and Section XII — COMMENTS.

SECTION IV — EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Gently flush any particles from the eye with large amounts of cold water for at least 15 minutes. DO NOT RUB THE EYES.

SKIN CONTACT: Rinse skin free of material with water to avoid abrasion of skin. DO NOT RUB until skin is free of material then wash thoroughly with soap and water.

INHALATION: Remove from wood dust exposure. If breathing has stopped or is difficult, administer artificial respiration or oxygen as indicated. Seek medical aid.

INGESTION: Give 1-2 glasses of milk or water to victim if conscious and alert. Induce vomiting OR give 1-2 oz. (30-60 g) activated charcoal in water to victim if conscious and alert. See Section XII — COMMENTS.

NOTE TO PHYSICIAN: If one ounce of treated wood dust per 10 lbs. of body weight is ingested, acute arsenic intoxication is a possibility.

SECTION V — HAZARDOUS INGREDIENTS AND RECOMMENDED EXPOSURE LIMITS

HAZARDOUS INGREDIENTS	CAS NUMBER	PERCENT	EXPOSURE LIMIT	(mg/m ³)
Chromium (III)	7440-47-3	<2**	OSHA-PEL (as Cr)	1.0
			ACGIH-TLV (as Cr)	0.5
Arsenic (V)	7440-38-2	<2**	OSHA-PEL (as As)	0.01
			ACGIH-TLV (as As)	0.01
Copper	7440-50-8	<2**	OSHA-PEL (dusts/mists)	1.0
			ACGIH-TLV (dusts/mists)	1.0
Wood dust* (regulated as a particulate)	None		OSHA-PEL (total dust) (respirable fraction)	15.0 5.0
			ACGIH-TLV (softwood)	5.0
			ACGIH-STEL (softwood)	10.0

OSHA — Occupational Safety and Health Administration

ACGIH — American Conference of Governmental Industrial Hygienists

PEL — Permissible Exposure Limit

TLV — Threshold Limit Value

STEL — Short-Term Exposure Limit (15 minute exposure standard)

SARA Title III Section 313 Chemicals: Arsenic, Chromium and Copper

* A state-run OSHA program may have more stringent limits for wood dust. Please contact the state representative for further details.

** Based on wood retention of 0.6 pounds CCA per cubic foot of wood. Actual retention percentage may vary slightly due to differences in wood stock and treatment retention levels.

SECTION VI- PERSONAL PROTECTION INFORMATION

EYE PROTECTION: Wear safety glasses with side shields or safety goggles when sawing or cutting.

SKIN PROTECTION: When handling wood, wear leather or fabric gloves. Wear normal work clothing and safety footwear.

RESPIRATORY PROTECTION: Not required under normal use conditions. When sawing or cutting treated or untreated wood, wear a MSHA/NIOSH approved dust mask.

VENTILATION: Saw or machine wood in open (outdoor) or well ventilated areas. Provide sufficient ventilation to maintain inhalation exposures below OSHA PEL for particulates.

HEARING PROTECTION: Wear ear plugs or ear muffs when power sawing and/or cutting wood.

SECTION VII — PHYSICAL DATA

BOILING POINT: NA**MELTING POINT:** NA**VAPOR PRESSURE:** NA**VAPOR DENSITY (AIR=1):** NA**SOLUBILITY (WATER):** Insoluble**VOC:** NA**SPECIFIC GRAVITY:** NA**% VOLATILE BY VOL:** NA**EVAPORATION RATE (ETHER=1):** NA**VISCOSITY:** NA**pH:** NA**APPEARANCE/ODOR:** Light green colored wood

SECTION VIII — REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY: Stable under normal conditions.**INCOMPATIBILITY:** Strong acids, open flame and oxidizers.**HAZARDOUS REACTIONS/DECOMPOSITION/COMBUSTION PRODUCTS:** Contact with strong acid may release metals. Combustion products may include smoke, oxides of carbon, nitrogen, chrome, copper and arsenic. The metals may remain in the ash if the wood is burned.**CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION:** None known.

SECTION IX — FIRE AND EXPLOSION HAZARD INFORMATION

FLASH POINT & METHOD: NA**FLAMMABLE LIMITS (% BY VOLUME/AIR):****AUTOIGNITION TEMP:** NA**LOWER:** NA**UPPER:** NA**EXTINGUISHING MEDIA:** Use water, dry chemical, or other common extinguishing media.**FIRE-FIGHTING PROCEDURES:** Fire from a separate fuel source may be intense enough to cause thermal decomposition releasing harmful gases including oxides of carbon and nitrogen. Wear complete fire service protective equipment, including full-face MSHA/NIOSH approved self-contained breathing apparatus.**FIRE AND EXPLOSION HAZARD:** High airborne levels of wood dust may burn rapidly in the air when exposed to an ignition source.**MSHA** — Mine Safety and Health Administration**NIOSH** — National Institute of Occupational Safety and Health

SECTION X — SPILL, LEAK AND DISPOSAL INFORMATION

SPILL OR LEAK PROCEDURES (PRODUCT): NA**WASTE DISPOSAL:** Dispose of in accordance with local, state and federal regulations. Treated wood may be disposed of by regular disposal. This product is not defined as a US EPA hazardous waste.

SECTION XI — STORAGE AND HANDLING INSTRUCTIONS

STORAGE: When storing wood, the material should be kept off the ground. Protect from physical damage. Maintain good housekeeping.**CAUTION:** Whenever possible, sawing or machining treated or untreated wood should be performed outdoors to avoid accumulations of airborne wood dust.