SAFETY DATA SHEET

1. Identification

Product identifier

Chromated Copper Arsenate (CCA) Treated Wood

Other means of identification

244-F

Recommended use

Preservative Treated Wood for various weather protected and exterior uses.

Recommended restrictions

Outdoor residential structures such as decks and playgrounds.

Manufacturer/Importer/Supplier/Distributor information

Licensees/Customers of Timber Specialties Co.

Company name

Address

Telephone number

Contact person

Emergency phone number

2. Hazard(s) identification

Physical hazards

Not classified.

Health hazards

Carcinogenicity

Label elements

Category 1A



Signal word

Hazard statement

Danger

May cause cancer by inhalation. May form combustible dust concentrations in air.

Precautionary statement

Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot/surfaces. - No smoking. Keep container tightly closed. Wear protective gloves/protective clothing/eye protection/face protection. Prevent dust accumulation to minimize explosion hazard. Observe good industrial hygiene

Response

If exposed or concerned: Get medical advice/attention, in case of fire: Use alcohol-resistant foam, carbon dioxide, dry powder or water fog for extinction.

Storage

Not available.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards

None known.

Supplemental Information

None,

3. Composition/information on ingredients

Mixtures.

| Chemical name Wood/Wood dust | CAS number | % |
|---------------------------------|------------|-------|
| | N/A | > 92 |
| Trivalent Chromium | 4000.00.0 | |
| Arsenic Pentoxide | 1308-38-9 | < 3,5 |
| opper Oxide | 1303-28-2 | < 3 |
| Copper Oxide | 1317-39-1 | < 1.5 |

Composition comments

Depending on the additives applied to the treating solution, this wood may also contain < 1% of mold inhibitors, <1% of an oil emulsion, and <1% of a colorant. Components not listed are either non-hazardous or are below reportable limits.

4. First-aid measures

Inhalation

Skin contact

Move to fresh air. Call a physician if symptoms develop or persist. Some species may cause allergic respiratory reactions with asthma-like symptoms in sensitized individuals.

Wash off with some and water. Cot modified attention if institutions in sensitized individuals.

Wash off with soap and water. Get medical attention if irritation develops and persists. Prolonged contact with treated wood and/or freated wood dust, especially when freshly treated at the plant, may cause irritation to the skin. Abrasive handling or rubbing of the treated wood may increase skin irritation. Some wood species, regardless of treatment, may cause dematitis or allergic skin reactions in sensitized individuals. In case of rashes, wounds or other skin disorders: Seek medical attention and bring along these instructions.

Eye contact

Do not rub eye, immediately flush eye(s) with plenty of water, Remove any contact lenses and open eyelids wide apart. If eye irritation persists: Get medical attention.

Ingestion

Most important symptoms/effects, acute and delayed

Indication of immediate medical attention and special treatment needed

General information

Rinse mouth thoroughly if dust is ingested. Get medical attention if any discomfort continues,

Wood dust: May cause hasal dryness, irritation and mucostasis. Coughing, wheezing, sneezing, sinusitis and prolonged colds have also been reported. Depending on wood species may cause respiratory sensitization and/or irritation. Mechanical irritation of skin, eyes and respiratory system. Provide general supportive measures and treat symptomatically. Keep victim warm, Keep victim under observation. If one ounce of treated wood dust per 10 jbs. of body weight are ingested, acute arsenic intoxication is a possibility. Symptoms may be delayed.

If exposed or concerned; Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

5. Fire-fighting measures

Suitable extinguishing media

Water fog. Foam, Dry chemical powder. Carbon dioxide (CO2). Apply extinguishing media carefully to avoid creating airborne dust.

Unsuitable extinguishing media

Specific hazards arising from the chemical

Do not use water jet as an extinguisher, as this will spread the fire.

Explosion hazard: Avoid generating dust, fine dust dispersed in air in sufficient concentrations and in the presence of an ignition source is a potential dust explosion hazard: Depending on moisture content, and more importantly, particle diameter and airborne concentration, wood dust in a contained area may explode in the presence of an ignition source. Wood dust may similarly deflagrate (combustion without detonation like an explosion) if ignited in an open or loosely contained area. An airborne concentration of 40 grams (40,000 mg) of dust per cubic meter of air is often used as the LEL for wood dusts. Reference NFPA Standards-654 and 664 for guidance. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Special protective equipment and precautions for firefighters

Fire-fighting equipment/instructions

Specific methods
General fire hazards

in case of fire and/or explosion do not breathe fumes.

Use standard firefighting procedures and consider the hazards of other involved materials. May form combustible dust concentrations in air.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Use only non-sparking tools, Avoid generation and spreading of dust. Avoid inhalation of dust. Provide adequate ventilation. For personal protection, see Section 8 of the SDS.

Methods and materials for containment and cleaning up

Stop the flow of material, if this is without risk. Sweep up or vacuum up spillage and collect in suitable container for disposal. If not possible, gently moisten dust before it is collected with shovel, broom or the like. Flush area with water. Clean surface thoroughly to remove residual contamination, For waste disposal, see Section 13 of the SDS.

Environmental precautions

Avoid discharge into drains, water courses or onto the ground

7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Observe good industrial hygiene practices. Minimize dust generation and accumulation. Avoid significant deposits of material, especially on horizontal surfaces, which may become airborne and form combustible dust clouds and may contribute to secondary explosions. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Keep away from heat, spark, open flames and other sources of ignition. Explosion-proof general and local exhaust ventilation. Avoid prolonged exposure. Wear appropriate personal protective equipment (See Section 8). Avoid release to the environment. Do not burn preserved wood. Do not use preserved wood as Mulch.

Conditions for safe storage, including any incompatibilities

Keep away from heat, spark, open flames and other sources of ignition. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

| Components | Туре. | Value | Form |
|---|--|---|----------------------------------|
| Wood / Wood dust (CAS N/A) | TWA | 1 mg/m3 | Inhalable fraction. |
| US. ACGIH Threshold Limit Values | | , mgnito | irmalable traction, |
| Components | Туре | V-(| F |
| Arsenic pentoxide (CAS 1303-28-2) | TWA | Value: | Form |
| Copper Oxide (CAS 1317-39-1) | | 0.01 mg/m3 | |
| 1, 401,0 1017-03-17 | TWA | 1 mg/m3 | Dust and mist. |
| Trivalent Chromium (CAS 1308-38-9) | TWA | 0.2 mg/m3 0.5 mg/m3 | Fume. |
| Canada, Alberta OELs (Occupational He | alth & Safety Code Scho | dule 1 Table 2) | |
| Components | Type | | F'a was |
| Arsenic pentoxide (CAS 1303-28-2) | TWA | Value | Form |
| Trivalent Chromium (CAS 1308-38-9) | TWA | 0.01 mg/m3 | |
| Wood / Wood dust (CAS N/A) | TWA | 0.5 mg/m3 | ***-4-1 1 |
| | 7.1**** | 0.5 mg/m3 | Total dust. |
| | I VDe | 17-1 | _ |
| | Туре | Value | Form |
| Arsenic pentoxide (CAS 1303-28-2) | TWA | Value 0.01 mg/m3 | Form |
| Arsenic pentoxide (CAS 1303-28-2) Frivalent Chromium (CAS 1308-38-9) | TWA TWA | | Form |
| Arsenic pentoxide (CAS 1303-28-2) Trivalent Chromium (CAS 1308-38-9) | TWA | 0.01 mg/m3 | Form Dúsť. |
| Arsenic pentoxide (CAS 1303-28-2) Frivalent Chromium (CAS 1308-38-9) Wood / Wood dust (CAS N/A) | TWA TWA TWA | 0.01 mg/m3 0.5 mg/m3 1 mg/m3 | |
| Arsenic pentoxide (CAS 1303-28-2) Frivalent Chromium (CAS 1308-38-9) Wood / Wood dust (CAS N/A) Canada. Manitoba OELs (Reg. 217/2006, Components | TWA TWA TWA | 0.01 mg/m3 0.5 mg/m3 1 mg/m3 d Health Act) | Dúsť. |
| Arsenic pentoxide (CAS 1303-28-2) Trivalent Chromium (CAS 1308-38-9) Wood / Wood dust (CAS N/A) Canada. Manitoba OELs (Reg. 217/2006, Components Arsenic pentoxide (CAS 1303-28-2) | TWA TWA TWA The Workplace Safety An | 0.01 mg/m3 0.5 mg/m3 1 mg/m3 d Health Act) Value | |
| Arsenic pentoxide (CAS 1303-28-2) Trivalent Chromium (CAS 1308-38-9) Wood / Wood dust (CAS N/A) Canada. Manitoba OELs (Reg. 217/2006, Components Arsenic pentoxide (CAS 1303-28-2) | TWA TWA TWA The Workplace Safety An Type | 0.01 mg/m3 0.5 mg/m3 1 mg/m3 d Health Act) Value 0.01 mg/m3 | Düst. Form |
| Arsenic pentoxide (CAS 1303-28-2) Frivalent Chromium (CAS 1308-38-9) Wood / Wood dust (CAS N/A) Canada, Manitoba OELs (Reg. 217/2006, Components Arsenic pentoxide (CAS 1303-28-2) Copper Oxide (CAS 1317-39-1) | TWA TWA TWA The Workplace Safety An Type TWA | 0.01 mg/m3 0.5 mg/m3 1 mg/m3 d Health Act) Value 0.01 mg/m3 1 mg/m3 | Dust. Form Dust and mist. |
| Arsenic pentoxide (CAS 1303-28-2) Trivalent Chromium (CAS 1308-38-9) Wood / Wood dust (CAS N/A) Canada. Manitoba OELs (Reg. 217/2006, Components Arsenic pentoxide (CAS 1303-28-2) Copper Oxide (CAS 1317-39-1) | TWA TWA TWA The Workplace Safety An Type TWA | 0.01 mg/m3 0.5 mg/m3 1 mg/m3 d Health Act) Value 0.01 mg/m3 1 mg/m3 0.2 mg/m3 | Düst. Form |
| Components Arsenic pentoxide (CAS 1303-28-2). Trivalent Chromium (CAS 1308-38-9). Wood / Wood dust (CAS N/A). Canada. Manitoba OELs (Reg. 217/2006, Components. Arsenic pentoxide (CAS 1303-28-2). Copper Oxide (CAS 1317-39-1). Trivalent Chromium (CAS 1308-38-9). | TWA TWA TWA TWA The Workplace Safety An Type TWA TWA | 0.01 mg/m3 0.5 mg/m3 1 mg/m3 d Health Act) Value 0.01 mg/m3 1 mg/m3 | Dust. Form Dust and mist. |
| Arsenic pentoxide (CAS 1303-28-2) Trivalent Chromium (CAS 1308-38-9) Wood / Wood dust (CAS N/A) Canada. Manitoba OELs (Reg. 217/2006, Components Arsenic pentoxide (CAS 1303-28-2) Copper Oxide (CAS 1317-39-1) Trivalent Chromium (CAS 1308-38-9) | TWA TWA TWA TWA The Workplace Safety An Type TWA TWA TWA | 0.01 mg/m3 0.5 mg/m3 1 mg/m3 d Health Act) Value 0.01 mg/m3 1 mg/m3 0.2 mg/m3 0.5 mg/m3 | Dust. Form Dust and mist. |
| Arsenic pentoxide (CAS 1303-28-2) Trivalent Chromium (CAS 1308-38-9) Wood / Wood dust (CAS N/A) Canada. Manitoba OELs (Reg. 217/2006, Components Arsenic pentoxide (CAS 1303-28-2) Copper Oxide (CAS 1317-39-1) Trivalent Chromium (CAS 1308-38-9) anada. Ontarlo OELs. (Control of Expos | TWA TWA TWA TWA The Workplace Safety An Type TWA TWA TWA TWA | 0.01 mg/m3 0.5 mg/m3 1 mg/m3 d Health Act) Value 0.01 mg/m3 1 mg/m3 0.2 mg/m3 0.5 mg/m3 | Dust. Form Dust and mist: Fume, |
| Arsenic pentoxide (CAS 1303-28-2) Trivalent Chromium (CAS 1308-38-9) Wood / Wood dust (CAS N/A) Canada. Manitoba OELs (Reg. 217/2006, Components Arsenic pentoxide (CAS 1303-28-2) Copper Oxide (CAS 1317-39-1) Trivalent Chromium (CAS 1308-38-9) anada. Ontarlo OELs. (Control of Exposomponents) | TWA TWA TWA TWA THE Workplace Safety An Type TWA TWA TWA TWA TWA TWA | 0.01 mg/m3 0.5 mg/m3 1 mg/m3 d Health Act) Value 0.01 mg/m3 1 mg/m3 0.2 mg/m3 0.5 mg/m3 value | Dust. Form Dust and mist. |
| Arsenic pentoxide (CAS 1303-28-2) Trivalent Chromium (CAS 1308-38-9) Wood / Wood dust (CAS N/A) Canada. Manitoba OELs (Reg. 217/2006, Components Arsenic pentoxide (CAS 1303-28-2) Copper Oxide (CAS 1317-39-1) Trivalent Chromium (CAS 1308-38-9) anada. Ontarlo OELs. (Control of Expos | TWA TWA TWA TWA THE Workplace Safety An Type TWA TWA TWA TWA TWA TWA STEL | 0.01 mg/m3 0.5 mg/m3 1 mg/m3 d Health Act) Value 0.01 mg/m3 1 mg/m3 0.2 mg/m3 0.5 mg/m3 nical Agents) Value 0.06 mg/m3 | Dust. Form Dust and mist. Fume, |
| Arsenic pentoxide (CAS 1303-28-2) Frivalent Chromium (CAS 1308-38-9) Wood / Wood dust (CAS N/A) Canada. Manitoba OELs (Reg. 217/2006, Components Arsenic pentoxide (CAS 1303-28-2) Copper Oxide (CAS 1317-39-1) rivalent Chromium (CAS 1308-38-9) anada. Ontarlo OELs. (Control of Exposomponents rsenic pentoxide (CAS 1303-28-2) | TWA TWA TWA TWA The Workplace Safety An Type TWA TWA TWA TWA TWA TWA STEL TWA | 0.01 mg/m3 0.5 mg/m3 1 mg/m3 d Health Act) Value 0.01 mg/m3 1 mg/m3 0.2 mg/m3 0.5 mg/m3 value | Dust. Form Dust and mist: Fume, |
| Arsenic pentoxide (CAS 1303-28-2) Trivalent Chromium (CAS 1308-38-9) Vood / Wood dust (CAS N/A) Canada. Manitoba OELs (Reg. 217/2006, Components Arsenic pentoxide (CAS 1303-28-2) Copper Oxide (CAS 1317-39-1) Trivalent Chromium (CAS 1308-38-9) anada. Ontarlo OELs. (Control of Exposomponents rsenic pentoxide (CAS 1303-28-2) ivalent Chromium (CAS 1308-38-9) | TWA TWA TWA TWA The Workplace Safety An Type TWA TWA TWA TWA Ure to Biological or Chen Type STEL TWA TWA | 0.01 mg/m3 0.5 mg/m3 1 mg/m3 d Health Act) Value 0.01 mg/m3 1 mg/m3 0.2 mg/m3 0.5 mg/m3 0.01 mg/m3 0.01 mg/m3 0.05 mg/m3 0.05 mg/m3 | Dust. Form Dust and mist: Fume, |
| Arsenic pentoxide (CAS 1303-28-2) Trivalent Chromium (CAS 1308-38-9) Wood / Wood dust (CAS N/A) Canada. Manitoba OELs (Reg. 217/2006, Components Arsenic pentoxide (CAS 1303-28-2) Copper Oxide (CAS 1317-39-1) Trivalent Chromium (CAS 1308-38-9) anada. Ontarlo OELs. (Control of Exposomponents) | TWA TWA TWA TWA The Workplace Safety An Type TWA TWA TWA TWA TWA TWA STEL TWA | 0.01 mg/m3 0.5 mg/m3 1 mg/m3 d Health Act) Value 0.01 mg/m3 1 mg/m3 0.2 mg/m3 0.5 mg/m3 value 0.05 mg/m3 0.01 mg/m3 | Dust. Form Dust and mist: Fume, |

Canada, Quebec OELs, (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)

| Components | Type | 2000-011-02 | ire ir of intrefricy |
|-------------------------------------|-----------------|----------------|----------------------|
| Amonto-service to the total service | Type | Value | Form |
| Arsenic pentoxide (CAS 1303-28-2) | TWA | 0.1 mg/m3 | |
| Wood / Wood dust (CAS N/A) | 000 Montes 18 | o. i riigiitta | |
| | TWA | 2.5 ma/m3 | Total dust. |

Blological limit values

ACGIH Biological Exposure Indices

| Components | Value | Determinant | Specimen | Sampling |
|--------------------------------------|---------|--|----------|---------------|
| Arsenic Pentoxide (CAS 1303-28-2) | 35 µg/l | Inorganic arsenic, plus methylated, metabolites as As | Urine | Sampling Time |

^{* -} For sampling details, please see the source document.

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear dust-resistant safety goggles with side shields where there is danger of eye contact.

Skin protection

Hand protection

Leather gloves provide sufficient hand protection. Chemical resistant gloves may be necessary for

handling wet material.

Other

Use of an impervious apron is recommended.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. Dust mask, if exposure

limits are exceeded or if irritation is experienced, a NIOSH-approved positive pressure

self-contained breathing apparatus should be worn.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

Observe any medical surveillance requirements.

9. Physical and Chemical Properties

Appearance

Physical state Solid. Form Chips. Dust. Color Yellowlgreen. Odor Wood odor. Odor threshold Not available. pH Not applicable. Melting point/freezing point Not applicable. Initial boiling point and boiling range Not applicable. Flash Point Not available. Evaporation rate Not applicable. Flammability (solid, gas). Combustible dust. Upper/lower flammability or explosive limits

Flammability limit - lower (%)

Not available.

Flammability limit - upper (%)

Not available.

Explosive limit - lower (%)

Not available.

Explosive limit - upper (%)

Not available.

Vapor pressure

Not applicable.

Vapor density Relative density

Not applicable. Not available.

Solubility(ies)

Solubility (water)

Highly insoluble.

Partition coefficient (n-octanol/water)

Not available.

Auto-ignition temperature Decomposition temperature

Not applicable. Not available.

Viscosity

Other information

Not applicable.

Explosive properties

Not explosive.

Oxidizing properties

Not oxidizing.

10. Stability and reactivity

Reactivity

Chemical stability

The product is non-reactive under normal conditions of use, storage and transport

Possibility of hazardous

Material is stable under normal conditions.

reactions

No dangerous reaction known under conditions of normal use:

Conditions to avoid

Avoid heat, sparks, open flames and other ignition sources. Contact with incompatible materials. Minimize dust generation and accumulation.

incompatible materials

Strong oxidizing agents.

Hazardous decomposition

products

Ash will contain free arsenic and chromium and may be toxic.

Toxicological information

Information on likely routes of exposure

Inhalation

Wood dust, treated or untreated, is irritating to the nose, throat and lungs. Prolonged or repeated inhalation of wood dusts may cause respiratory irritation, recurrent bronchitis and prolonged colds. Some species may cause allergic respiratory reactions with asthma-like symptoms in sensitized individuals. Prolonged exposure to wood dusts by inhalation has been reported to be associated with nasal and paranasal cancer.

Skin contact

Handling may cause splinters. Prolonged contact with treated wood and/or treated wood dust, especially when freshly treated at the plant, may cause irritation to the skin. Abrasive handling or rubbing of the treated wood may increase skin irritation. Some wood species, regardless of treatment, may cause dermatitis or allergic skin reactions in sensitized individuals.

Eye contact

Dust may irritate the eyes.

Ingestion

Not likely, due to the form of the product. However, ingestion of high concentrations of dusts generated during working operations may cause nausea, gastrointestinal irritation, cramping and vomiting. If one ounce of treated wood dust per 10 lbs, of body weight are ingested, acute arsenic intoxication is a possibility. Certain species of wood and their dusts may contain natural toxins, which can have adverse effects in humans.

Symptoms related to the physical, chemical and toxicological characteristics

Wood dust: May cause nasal dryness, irritation and mucostasis. Coughing, wheezing, sneezing, sinusitis and prolonged colds have also been reported. Depending on wood species may cause respiratory sensitization and/or irritation. Symptoms can include irritation, redness, scratching of the cornea, and tearing. May cause eczema-like skin disorders (dermatitis). Airborne treated or untreated wood dust may cause nose; throat, or lung irritation and other respiratory effects.

Information on toxicological effects

Acute toxicity

Not expected to be acutely toxic.

Skin corrosion/irritation

Dust may irritate skin.

Serious eye damage/eye irritation

Dust may irritate the eyes.

Respiratory or skin sensitization

ACGIH Sensitization

Wood/Wood dust (CAS N/A)

Dermal sensitization. Respiratory sensitization.

Canada - Alberta OELs: Irritant

Trivalent Chromium (CAS 1308-38-9)

Irritant

Canada - Manitoba OELs Hazard: Dermal sensitization

Wood / Wood dust (CAS N/A)

Dermal sensitization

Canada - Manitoba OELs Hazard: Respiratory sensitization

Wood / Wood dust (CAS N/A)

Respiratory sensitization

Canada - Saskatchewan OELs Hazard Data: Sensitiser

Wood / Wood dust (CAS N/A)

Sensitizer

Respiratory sensitization

Exposure to wood dusts can result in hypersensitivity.

Exposure to wood dust can result in the development of contact dermatitis. The primary Irritant dermatitis resulting from skin contact with wood dusts consist of erythema, blistering, and

sometimes erosion and secondary infections occur.

Germ cell mutagenicity

Skin sensitization

No data available to indicate product or any components present at greater than 0.1% are

mutagenic or genotoxic.

Carcinogenicity

May cause cancer by inhalation. This classification is based on an increased incidence of pasal and paranasal cancers in people exposed to wood dusts.

ACGIH Carcinogens

Arsenic Pentoxide (CAS 1303-28-2)

A1 Confirmed human carcinogen.

Trivalent Chromium (CAS 1308-38-9)

A4 Not classifiable as a human carcinogen.

Wood/Wood dust (CAS N/A)

A1 Confirmed human carcinogen, A2 Suspected human carcinogen.

Canada - Alberta OELs: Carcinogen category

Arsenic Pentoxide (CAS 1303-28-2)

Confirmed human carcinogen,

Canada - Manitoba OELs: carcinogenicity

Arsenic Pentoxide (CAS 1303-28-2)

Confirmed human carcinogen.

Trivalent Chromium (CAS 1308-38-9)

Not classifiable as a human carcinogen.

Wood/Wood dust (CAS N/A)

Confirmed human carcinogen. Suspected human carcinogen.

IARC Monographs. Overall Evaluation of Carcinogenicity

Arsenic Pentoxide (CAS 1303-28-2)

1 Carcinogenic to humans.

Trivalent Chromium (CAS 1308-38-9)

3 Not classifiable as to carcinogenicity to humans.

Wood/Wood dust (CAS N/A)

1 Carcinogenic to humans.

US. National Toxicology Program (NTP) Report on Carcinogens

Arsenic Pentoxide (CAS 1303-28-2)

Known To Be Human Carcinogen.

Wood/Wood dust (CAS N/A)

Known To Be Human Carcinogen.

Reproductive toxicity

This product is not expected to cause reproductive or developmental effects. Not classified.

Specific target organ toxicity -

single exposure

Specific target organ toxicity -

repeated exposure

Not classified.

Aspiration hazard

Not likely, due to the form of the product.

Chronic effects

Chronic exposure to wood dusts can result in pneumonitis, and coughing, wheezing, fever and the other signs and symptoms associated with chronic bronchitis. Individuals with pre-existing disease in or a history of ailments involving the skin, kidney, liver, respiratory tract, eyes, or nervous system are at a greater than normal risk of developing adverse effects from woodworking operations with this product.

Further information

The effects of industrial exposure to the chrome-copper-arsenic preservative used to treat CCA. wood has been evaluated in three independent epidemiology studies. In each case the authors concluded that workers exposed on a daily basis to these preservatives were at no increased risk of death or disease as a result of their exposure,

Recreational exposure to children using CCA treated wood playground equipment has been evaluated. The results of this study indicate that the amount of arsenic transferred from the wood surface to the child is within the normal variation of total arsenic exposure to children and that the maximum risks of skin cancer associated with the exposure approximates the skin cancer risk from the sunilght experienced during play periods. Leaf, stem, and fruit of grape plants grown adjacent to CCA treated wood poles did not take up preservative components from the poles above background levels (limit of defection 0.2 and 0.05 ppm for chrome and arsenic, respectively).

12. Ecological information

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability

No data is available on the degradability of this product.

Bioaccumulative potential

No data available.

Mobility in soil

No data available:

Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations. DO NOT BURNI Ash may be toxic and a hazardous waste; combustion vapors may be toxic.

Local disposal regulations

Dispose in accordance with all applicable regulations:

Hazardous waste code

The waste code should be assigned in discussion between the user, the producer and the waste

Waste from residues / unused

products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging

Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and

the IBC Code

Not applicable.

15. Regulatory information

Canadian regulations

Controlled Drugs and Substances Act

Not regulated.

Export Control List (CEPA 1999, Schedule 3)

Not listed.

Greenhouse Gases

Not listed.

Precursor Control Regulations

Not listed.

International regulations

| Januariotto | |
|----------------------|-----------------|
| Stockholm Convention | Not applicable. |
| Rotterdam Convention | Not applicable. |
| Kyoto protocol | Not applicable. |
| Montreal Protocol | Not applicable. |
| Basel Convention | Not applicable. |
| | |

International Inventories

| Country(s) | | Inventory name | |
|--|---------------|--|--------------|
| Australia | * 55 mm | Australian Inventory of Chemical Substances (AICS) | On inventory |
| Canada | | Domestic Substances List (DSL) | No |
| Canada | | Non-Domestic Substances List (NDSL) | No |
| China | | Inventory of Eviation Charitan Charles Co. | No |
| Europe | | Inventory of Existing Chemical Substances in China (IECSC) | No |
| 241000 | | European Inventory of Existing Commercial Chemical Substances (EINECS) | No |
| Europe | | European List of Notified Chemical Substances (ELINCS) | |
| Japan | | Inventory of Existing and New Chemical Substances (ENCS) | ". No |
| Korea | | Existing Chemicals List (ECL) | No |
| New Zealand | | | No |
| Philippines | | New Zealand Inventory | No |
| | | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | No |
| United States | & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |
| and the same of th | | | |

A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing.

16. Other information, including date of preparation or last revision

Issue date

04-28-2017

Revision date

Version#

Disclaimer

Supplier cannot anticipate all conditions under which this information and its product, or the products. of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.