



ArmorCoat XT Treated Trim Safety Data Sheet (SDS)

Section 1: Identification

Product Name: ArmorCoat XT Treated Trim
Description: Solid or engineered (finger-jointed), milled wood, pre-treated and coated with a primer
Product Use: Exterior trim, fascia and structural post products

Company Information

Name: Belco Forest Products
Address: 1890 E Johns Prairie Rd.
Shelton, WA 98584
Phone: 360-426-8900
Toll-Free: 800-426-7214
Fax: 360-426-3915

Section 2: Hazards Identification

Emergency Overview

This product is protected with a wood preservative that is registered with the EPA. The amounts of the preservatives on the dry wood are far below the OSHA de minimis reporting requirements. The presence of the preservatives in the treated wood and wood dust is not expected to affect the wood's inherent toxicity characteristics.

CAUTION! Sawing, sanding, or machining wood products may produce wood dust, which may present a fire or explosion hazard. Wood dust may cause irritation to the eyes, skin, and respiratory tract.

Hazard Scale: 0 = Minimal, 1 = Slight, 2 = Moderate, 3 = Serious, 4 = Chronic

HFPA Ratings: Health: 2 | Fire: 1 | Reactivity: 0

HMS Ratings: Health: 2 | Fire: 1 | Reactivity: 0

Potential Health Effects

Inhalation: Dust from drilling, sawing, sanding, or machining, etc. may cause nasal dryness, irritation, coughing, and sinusitis. Repeated exposures can produce allergic responses in some sensitive individuals.

Eyes: Dust can cause mechanical irritation.



Skin: Dust may cause mechanical (abrasive) irritation. Various species of wood dust may evoke allergic contact dermatitis in sensitive individuals. If an allergy pre-exists or develops, it may be necessary to remove the sensitive worker from further exposure to wood dust or wood-based products.

Ingestion: Not applicable under normal conditions of use.

Medical Conditions

Aggravated: Dust exposure may aggravate pre-existing skin, eye, respiratory, and cardiovascular disorders.

Section 3: Composition/Information on Ingredients

Component	CAS #	Percent (%)
Wood, Wood Dust (Various Species)	N/A	>98
Preservative Treatment	Proprietary	<1
Acrylic Primer	Proprietary	<1

Section 4: First-Aid Measures

Inhalation: Move person to fresh air. If breathing is difficult, trained personnel should administer oxygen. Seek medical attention if irritation persists.

Eyes: Hold eye open and rinse slowly and gently with water. If present, remove contact lenses after a few minutes and continue rinsing eye. Seek medical attention if irritation persists.

Skin: Immediately remove contaminated clothing; launder before reuse or dispose of properly. Wash the affected areas with soap and water until dust is entirely removed from skin. Seek medical attention if rash, dermatitis, or irritation persists.

Ingestion: Not applicable under normal conditions of use.

Section 5: Fire-Fighting Measures

Flash Point: Not applicable

Autoignition

Temperature: 400° - 500° F (204° - 260° C)

Explosive Limits: Wood trim does not present a fire or explosion hazard. Drilling, sawing, sanding, or machining, etc. wood products can produce wood dust as a by-product. Wood dust is a strong to severe explosion hazard if a dust "cloud" contacts an ignition source. 212° F (100° C) has been suggested as the upper temperature limit for continuous exposure for wood without risk of ignition (wood dust may require a lower temperature). An airborne concentration of 40 grams of dust per cubic



meter of air is often used as the lowest explosion limit (LEL) for wood dust. Dust generated from sanding primer may present a similar fire and explosion hazard.

Hazardous Combustion

Products: Thermal-oxidative degradation, or burning, of wood can product irritating and potentially toxic fumes and gases, including carbon monoxide, carbon dioxide, nitrogen oxides, aldehydes, and organic acids.

Fire Extinguishing

Media: Water spray, carbon dioxide, sand, or foam

Special Fire Fighting

Procedures: Fire-fighting procedures for wood are well known; seek professional fire-fighting help as necessary. Use water to wet down dust to reduce the likelihood of ignition or dispersion of dust into the air. Remove burned, charred, or wet dust to open, secure area after the fire is extinguished.

Section 6: Accidental Release Measures

Accidental Release: Not applicable for product in purchased form

Clean-Up

Procedures: Dust may be vacuumed or shoveled for recovery or disposal; wet down accumulated dusts prior to vacuuming or shoveling in order to prevent explosion hazards. Avoid dusty conditions and provide good ventilation. Dust clean-up and disposal activities should be accomplished in a manner to minimize creation of airborne dust. Do not inhale dusts during clean-up.

Section 7: Handling and Storage

Precautions for handling the dry, treated wood are the same as the safe handling procedures used for untreated wood. However, treated wood products may not be used for animal bedding, mulch, food preparation surfaces, cooking or comfort fires, bathing enclosures or similar uses.

Storage Procedures: Products should be stored off the ground, away from exposure to water or a source of ignition. Avoid storing products in areas of relatively high humidity in temperature; it is recommended that these products be stored in an area that reflects the humidity and temperature of the end use of the products.

Handling: Provide adequate ventilation to reduce the possible build-up of water vapors. Avoid strong oxidizing agents, strong acids, drying oils, fire and sources of ignition.



Section 8: Exposure Controls/Personal Protection

Component	Exposure Limits (mg/m ³)	
	OSHA-PEL	ACGIH-TLV
Wood, Wood Dust (Various Species)	15.0 Total, 5.0 Inhalable	1.0
Preservative Treatment	N/A	2.0 Inhalable
Acrylic Primer	N/A	N/A

Engineering

Controls: Due to the explosive potential of dust when suspended in air, precautions should be taken during drilling, sawing, sanding, or machining, etc. of products to prevent sparks or other ignition sources in ventilation equipment. Use of totally enclosed motors is recommended. Provide local exhaust as necessary to meet OSHA requirements for wood dust exposure.

Person Protective Equipment (PPE)

Respiratory

Protection: Use NIOSH/OSHA approved respirator when ventilation is not possible and if permissible exposure limits to hazardous components may be exceeded.

Eye/Face

Protection: Recommend goggles or safety glasses as conditions indicate when drilling, sawing, sanding, or machining, etc. wood products.

Skin Protection:

Protective equipment such as gloves and outer garments may be needed to reduce skin contact. After working with the wood, and before eating, drinking, toileting, or use of tobacco products, wash exposed areas thoroughly.

Other Protective Clothing

or Equipment: No special requirements under normal conditions of use. Protective clothing should be worn where prolonged skin contact may occur. Protective clothing should be laundered separately from household clothing and before reuse.

Section 9: Physical and Chemical Properties

Appearance and

Odor: Light brown board, normally between 5/8" and 1-7/16" thick, 2-7/16" wide and 11-1/4" wide, and 8' to 20' in length with a gray primer coat. Boards may have patterns embossed or cut into the surface at the time of manufacture. Odors may vary and are dependent upon the wood species.

Physical State: Solid

Vapor Pressure: N/A

Boiling Point: N/A



<i>Solubility (H₂O):</i>	Insoluble
<i>pH:</i>	N/A
<i>Vapor Density:</i>	N/A
<i>Melting Point:</i>	N/A
<i>Specific Gravity:</i>	Variable; dependent on wood species and moisture content.

Section 10: Stability and Reactivity

<i>Chemical Stability:</i>	Stable
<i>Conditions to Avoid:</i>	Dust generated from drilling, sawing, sanding, or machining, etc. the product is extremely combustible. Keep in a cool, dry place, away from ignition sources.
<i>Incompatibility:</i>	Oxidizing agents, strong acids, drying oils
<i>Hazardous Decomposition Products:</i>	Thermal-oxidative degradation, or burning, of wood can product irritating and potentially toxic fumes and gases, including carbon monoxide, carbon dioxide, nitrogen oxides, aldehydes, and organic acids.
<i>Hazardous Polymerization:</i>	Should not occur

Section 11: Toxicological Information

Product does not normally present hazards beyond those that would normally be experience by solid wood material.

<i>Wood/Wood Dust:</i>	Wood dust generated from drilling, sawing, sanding, or machining, etc. this product may cause nasal dryness, irritation, coughing, and sinusitis. The International Agency for Research on Cancer (IARC) and the National Toxicology Program (NTP) classify wood dust as a known human carcinogen (Group I). This classification is based primarily on increased risk in the occurrence of adenocarcinomas of the nasal cavities and paranasal sinuses associated with exposure to wood dust. The evaluation did not find sufficient evidence to associate cancers of the oropharynx, hypopharynx, lung, lymphatic and hematopoietic systems, stomach, colon, or rectum with exposure to wood dust.
<i>Preservative Treatment:</i>	The minimal presence of the preservatives in the treated wood and wood dust is not expected to affect the wood's inherent toxicity characteristics.
<i>Primer:</i>	No toxicological data available.



Section 12: Ecological Information

General Product

Information: This product is not expected to have ecological effects on the environment.

Persistence &

Degradability: N/A

Bioaccumulation: N/A

Other Adverse

Effects: N/A

Section 13: Disposal Considerations

In its purchased form, dispose of wood and wood products by ordinary trash collection or recycle when possible. Sawdust and construction debris should be cleaned up and disposed of after construction. Incinerate or landfill in accordance with local, state, and federal regulations.

Section 14: Transport Information

US DOT Information: This product is not listed as a hazardous material.

Canadian-Transportation of Dangerous

Goods (TDG): This product is not listed as a hazardous material.

Section 15: Regulatory Information

U.S. Federal Regulations

CERCLA 103

Reportable Quantity: This product does not contain chemicals in concentrations that should require reporting.

SARA Title III for

Section 311/312: Hazard categories for dust: acute health, chronic health, and fire hazard.

SARA Title III for

Section 313: This product does not contain chemicals in concentrations that should require reporting.

Section 302 Extremely Hazardous

Substances (TPQ): None

EPA Toxic Substances Control

Act (TSCA) Status: This product is a manufactured article and not subject to chemical notification requirements.



OSHA: While the product in its purchased form does not meet the criteria of 29 CFR 1910.1200 (Hazcom), wood dust/fiber emissions from this product when the product is drilled, sawed, sanded, or machined, etc. may be hazardous by definition and trigger Hazcom requirements. It is the responsibility of the purchaser and subsequent users to determine applicability.

U.S. State Regulations

California

Proposition 65: Drilling, sawing, sanding, or machining, etc. wood products generates wood dust, a substance known to the State of California to cause cancer.

This product contains the following chemicals known to the state of California to cause cancer: None. This product contains the following chemicals known to the state of California to cause reproductive damage: None.

Pennsylvania: Wood dust is a substance that appears on the State's Appendix A – Hazardous Substance List. During drilling, sawing, sanding, or machining, etc. wood dust may be released.

Section 16: Other Information

SDS Revision Summary

Effective Date: 5/12/2015

Supersedes Date: New

Belco Forest Products believes the information contained in this SDS to be accurate at the time of preparation and has been compiled using sources believed to be accurate or otherwise technically correct and reliable. However, Belco makes no warranty, either expressed or implied, concerning the accuracy or completeness of the information presented. It is the responsibility of the user to comply with Local, State, Provincial, or Federal regulations concerning use of this product. It is the further responsibility of the buyer/end user to research and understand safe methods of use, storage, handling, recycling, and disposal of this product.