

Section 1 - CHEMICAL, PRODUCT AND COMPANY IDENTIFICATION	
Manufacturer Information: Stan Industrial Woodwork Inc. 251 E. Industrial Ave. P.O. Box 142 Lyndon Station, WI 53944	Supplier Information: American Excelsior Company 850 Avenue H East Arlington, TX 76011 Office Phone #: (817) 385-3500
Chemical Name: Wood Synonyms: None Internal Product Codes: 042 Product Use: Anchor for Curlex Sediment Logs	MSDS Origination Date: 12-27-06 Last Revision Date: 12-27-06

Section 2 - COMPOSITION / INFORMATION ON INGREDIENTS		
Components	CAS Number	% Weight
Oak Wood	N/A	100%
Component Information/Information on Non-Hazardous Components: This product may be regulated, have exposure limits or other information identified as the following: Wood Dust and/or Hard Woods.		

Section 3 - HAZARDS IDENTIFICATION	
Product Overview: Product is a 100% biodegradable stake used to anchor erosion control products. <i>Under normal handling, storage, and application conditions overexposure to wood dust from this product is not anticipated.</i>	
Potential Health Effects:	
Eyes	Exposure to dusts may cause mechanical eye irritation.
Skin	Handling of product may cause mechanical skin irritation. Repeated skin contact may cause an allergic skin sensitization reaction.
Ingestion	Ingestion of this product is unlikely. If ingestion does occur, it may produce gastric irritation and discomfort.
Inhalation	Under normal use conditions, overexposure to wood dust is not anticipated. Inhalation of wood dusts may cause irritation and dryness of the respiratory system. Repeated inhalation exposure may cause an allergic respiratory sensitization reaction.

Section 4 - FIRST AID MEASURES	
Eyes:	In case of contact, flush eyes with water for 15 minutes. Obtain medical attention if irritation persists.
Skin:	In case of contact, wash thoroughly with soap and large amounts of water. If irritation develops, get medical attention.
Ingestion:	Due to the physical nature of this material, ingestion is unlikely to occur. If ingestion does occur, seek medical attention.
Inhalation:	If respiratory irritation or other symptoms develop, seek medical attention.
Notes to Physician:	None.

Section 5 - FIRE FIGHTING MEASURES

Flash Point: N/A
Method Used: N/A
Upper Flammable Limit (UFL): N/A
Lower Flammable Limit (LFL): N/A
Auto Ignition: N/A
Flammability Classification: N/A
Rate of Burning: Moderate to rapid

General Fire Hazards:
 Product will ignite upon exposure to ignition source.

Hazardous Combustion Products:
 Carbon monoxide, carbon dioxide, aldehydes, and various hydrocarbon fragments.

Extinguishing Media:
 Water, dry chemical, or sand.

Fire Fighting Equipment/Instructions:
 Fire fighters should wear full-face, self contained breathing apparatus and impervious protective clothing. Fire fighters should avoid inhaling any combustion products.

NFPA Ratings: Health: 1, Fire: 1, Reactivity: 0, Other: 0

HMIS Ratings: Health: 1, Fire: 1, Reactivity: 0, Personal Protection: N/A

Section 6 - ACCIDENTAL RELEASE MEASURES

Containment Procedures: Contain by any means necessary.

Clean-Up Procedures: Vacuum or sweep up material as necessary.

Evacuation Procedures: Keep unnecessary people out of area.

Special Instructions: Remove sources of ignition during cleanup.

Section 7 - HANDLING AND STORAGE

Procedures for Handling: Remove all sources of ignition when handling this product.

Recommended Storage Methods: Store in a cool, dry area away from moisture, excessive heat, and sources of ignition.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

- A. General Product Information
Keep formation of dust to a minimum.
- B. Component Exposure Limits
Wood Dust, All Soft and Hard Woods. OSHA PEL: 15 mg/m³ TWA ; NIOSH REL: 1 mg/m³ TWA

Engineering Controls:

Use as necessary to avoid contact with ignition sources.

Personal Protective Equipment:

- Eye/Face: Wear safety glasses, goggles, or other appropriate eye/face protection.
- Skin: Normal work clothing and gloves are recommended.
- Respiratory: When necessary, appropriate NIOSH/MSHA approved respiratory protection should be used.
- General: None.

Section 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance: Wooden stake	Odor: Mild
Physical State: Solid	pH: N/A
Vapor Pressure: N/A	Vapor Density: N/A
Boiling Point: N/A	Freezing Point: N/A

Section 10 - CHEMICAL STABILITY & REACTIVITY INFORMATION

Chemical Stability:	Stable.
Conditions to Avoid:	Avoid excessive heat and ignition sources.
Incompatibility:	Avoid contact with oxidizing agents and drying oils.
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide, aldehydes, and various hydrocarbon fragments.
Hazardous Polymerization:	Hazardous polymerization will not occur.

Section 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity/Target Organ Information:

- A. General Product/Component Information
Wood dusts are generally considered respiratory irritants and sensitizers. However, the ability of the dusts to cause sensitization reactions varies greatly with the species of wood. *Under normal use conditions, overexposure to wood dust from this product is not anticipated.*

Epidemiology: No data available for this product.

Carcinogenicity:

- A. General Product/Component Information
There is some evidence that exposure to certain wood dusts may be associated with an increased risk of certain nasal cancers. However, that risk appears to vary greatly with the species of wood and the duration and extent of exposure. *Under normal use conditions, overexposure to wood dust from this product is not anticipated.*
- B. Component Carcinogenicity Listings
Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA as a carcinogen.

Reproductive Toxicity: No data available for this product.

Neurotoxicity: No data available for this product.

Mutagenicity: No data available for this product.

Other Information: No data available for this product.

Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity: No data available for this product.

Environmental Fate: 100% of product is composed of natural and biodegradable components.

Section 13 - DISPOSAL CONSIDERATIONS

US EPA Waste Number & Descriptions:

- A. General Product Information
As shipped, not regulated as a hazardous waste.
- B. Component Waste Numbers
No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions:

Dispose of waste material in accordance with all applicable Federal, State, or provincial and local environmental regulations.

Section 14 - TRANSPORTATION INFORMATION

DOT Information:

Shipping Name:	Not regulated as a hazardous material
Hazard Class:	Not regulated
UN/NA #:	Not regulated
Packing Group:	Not regulated

Label(s) Required: None

Additional Shipping Information: None

International Transportation Regulations: Not regulated as dangerous goods

Section 15 - REGULATORY INFORMATION

US Federal Regulations:

- | | | |
|----|-----------------------------|--|
| A. | General Product Information | N/A |
| B. | Component Information | None of this product's components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4). |

State Regulations:

- | | | |
|----|-----------------------------|---|
| A. | General Product Information | N/A |
| B. | Component Information | None of this product's components are listed on the state lists from CA, FL, MA, MN, NJ, or PA. |

Other Regulations:

- | | | |
|----|-----------------------------|--|
| A. | General Product Information | N/A |
| B. | Component Information | None of the components are listed on the Canadian Controlled Product Ingredient Disclosure List. |

Section 16 - OTHER INFORMATION

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Key/Legend:

ACGIH	American Conference of Governmental Industrial Hygienists
CERCLA	Comprehensive Environment Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
DOT	Department of Transportation
EPA	Environmental Protection Agency
HMIS	Hazard Materials Information System
IARC	International Agency for Research Cancer
mg/m ³	milligrams per cubic meter
MSHA	Mine Safety and Health Administration
N/A	Not Applicable or Not Available
NIOSH	National Institute of Occupational Safety and Health
NFPA	National Fire Protection Association
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
REL	Recommended Exposure Limit
SARA	Superfund Amendments and Reauthorization Act
TWA	Time Weighted Average

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