

Curlex[®] Enforcer[®]/Bio-Composite Turf Reinforcement Mat (TRM)**Section 1 - CHEMICAL, PRODUCT AND COMPANY IDENTIFICATION****Manufacturer Information:****American Excelsior Company**

P.O. Box 391

Rice Lake, WI 54868

Office Phone #: (715) 234-6861

Corporate Office:**American Excelsior Company**

850 Avenue H East

Arlington, TX 76011

Office Phone #: (817) 385-3500

Chemical Name: Mixture**SDS Origination Date:** 03-13-01**Synonyms:** None**Last Revision Date:** 03-24-15**Internal Product Codes:** 45,46**Product Use:** Erosion control for construction**Section 2 - HAZARDS IDENTIFICATION****Product Overview:**

Product is a mat of wood excelsior covered or encased with Polypropylene netting. Excelsior is a slender, curved wood shaving that may contain wood dust. *Under normal handling, storage, and application conditions overexposure to wood dust from this product is not anticipated.*

GHS LABEL:**Signal word: WARNING****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 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Components	CAS Number	% Weight
Great Lakes Aspen	N/A	≥84.6
Polypropylene Netting	N/A	≤14.4
Polypropylene Thread	N/A	< 1

Component Information/Information on Non-Hazardous Components:

This product may be regulated, have exposure limits or other information identified as the following:
Wood Dust, All Soft and Hard Woods.

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.

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: 5 mg/m ³ ; OSHA STEL: 10 mg/m ³
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: Wood fiber covered or encased with Polypropylene mesh	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: 84.6% 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

As the conditions of methods of use are beyond our control, American Excelsior Company does not assume any responsibility and expressly disclaims any liability for use of this material. Information contained herein is believed to be true and accurate, but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of this material, or the results to be obtained thereof. Compliance with all federal, state, provincial, and local laws and regulations remains the responsibility of the user.

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
SARA	Superfund Amendments and Reauthorization Act
STEL	Short Term Exposure Limit

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

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

SDS Contact: American Excelsior Company

Phone: (817) 385-3500