E-Staple[®]/Biodegradable Anchoring Staple

Section 1 - CHEMICAL, PRODUCT AND COMPANY IDENTIFICATION

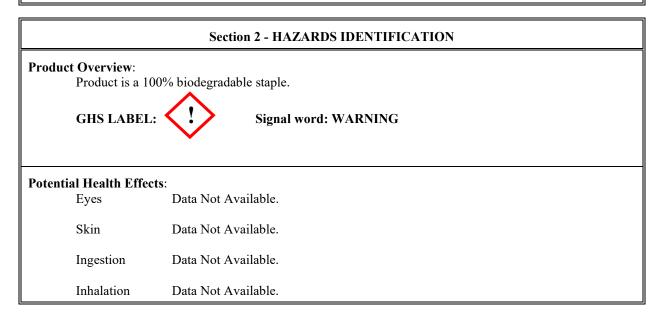
Manufacturer Information: Metabolix, Inc. 21 Erie Street Cambridge, MA 02139 Office Phone #: (617) 492-0505

Product Use:

Supplier Information: **American Excelsior Company** 850 Avenue H E Arlington, TX 76011 Office Phone #: (817) 385-3500

Chemical Name:	Blend	SDS Origination Date:	03-01-06
Synonyms:	None	Last Revision Date:	10-30-2020
Internal Product Codes:	078		

Anchor for erosion control blankets.



Section 3 - COMPOSITION	/ INFORMATION ON INGREDIE	ENTS
Components	CAS Number	% Weight
Polyhydroxybutyric Acid Copolymers and Mineral Filler	N/A	100%

Section 4 - FIRST AID MEASURES		
Eyes:	No Special Requirement.	
Skin:	No Special Requirement.	
Ingestion:	No Special Requirement.	
Inhalation:	No Special Requirement.	
Notes to Physician:	None.	

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:	N/A

Special Fire Fighting Procedures: None.

	Section 6 - ACCIDENTAL RELEASE MEASURES
Containment Procedures:	N/A
Clean-Up Procedures:	N/A
Evacuation Procedures :	N/A
Special Instructions:	N/A

Section 7 - HANDLING AND STORAGE	
Procedures for Handling:	Good industrial practice in housekeeping and personal hygiene should be followed. Minimize dust.
Recommended Storage Methods: Good storage stability, but avoid extremes of temperature and humidity. Recommended shelf life is two years.	

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines: No special equipment required.

Section 9 - PHYSICAL & CHEMICAL PROPERTIES		
Appearance:	Tan Granules	Odor: Mild
Physical State:	Solid	Molecular Weight : ≈>100,000 (by GPC)
Chemical Formula:	C4H6O2 (repeat unit)	Melting Point : 100° – 190° C
Boiling Point:	N/A	Freezing Point: N/A

Section 10 - CHEMICAL STABILITY & REACTIVITY INFORMATION

Chemical Stability:	Stable.
Incompatibility:	Strong oxidizing agents and strong acids.
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide.
Hazardous Polymerization:	Hazardous polymerization will not occur.

Section 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity/Target Organ Information:	
	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Epidemiology:	No data available for this product.
Carcinogenicity:	No data available for this product.
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 the product is composed of biodegradable components.

Section 13 - DISPOSAL CONSIDERATIONS

US EPA Waste Number & Descriptions: No special requirements.

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: N/A

State Regulations: N/A

Other Regulations: N/A

Section 16 - OTHER INFORMATION This information is believed to be correct, however, Metabolix, Inc. makes no representations as to its comprehensiveness or accuracy. Individuals receiving this information must use independent judgment to determine its appropriateness for a particular purpose. Metabolix, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. Key/Legend: DOT Department of Transportation EPA Environmental Protection Agency GPC Gel Permeation Chromatography N/A Not Applicable or Not Available National Fire Protection Association NFPA

HMIS	Hazard Materials Information System
HMIS Ratings:	Health: N/A, Fire: N/A, Reactivity: N/A, Personal Protection: N/A
NFPA Ratings:	Health: N/A, Fire: N/A, Reactivity: N/A, Other: N/A

SDS Contact: Metabolix, Inc.

Phone: (617) 492-0505