



## Safety Data Sheet

Issue Date 07-Jun-2013

Revision Date: 18-Jan-2017

Version 1

### 1. IDENTIFICATION

**Product Identifier**

**Product Name** Soft EVA Tray Athletic Mouthguard Material, including Buff-Tuff.

**Other means of Identification**

**SDS #** BDM-010

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Sheet resins to form Athletic mouthguards or trays.

**Details of the supplier of the safety data sheet**

**Supplier Address**  
Buffalo Dental Manufacturing Co. Inc.  
159 Lafayette Drive  
Syosset NY 11791

**Emergency Telephone Number**

**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

**Company Phone Number** 516-496-7200  
800-828-0203

### 2. HAZARDS IDENTIFICATION

**Classification**

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

**Appearance** Soft, pliable material

**Physical State** Solid

**Odor** Odorless

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	weight-%
Ethylene-Vinyl Acetate Copolymer	24937-78-8	>99

### 4. FIRST-AID MEASURES

**First Aid Measures**

**Eye Contact**

Rinse thoroughly with plenty of water, also under the eyelids.

**Skin Contact**

Contact with heated material may cause thermal burns. Do not attempt to remove material from skin. Cool rapidly with cold water. Get medical attention. Treat burns like thermal burns.

**Inhalation**

No known hazardous effects. If symptoms occur, remove to fresh air.

**Ingestion**

None under normal use conditions.

**Most important symptoms and effects**

Symptoms	May cause mechanical eye irritation. Inhalation of dust may cause mechanical irritation to the respiratory tract. Skin contact may cause mechanical irritation due to an abrasion. Fumes produced during thermal process may cause irritation.
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**Indication of any immediate medical attention and special treatment needed**

Notes to Physician	Treat symptomatically.
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**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.

**Specific hazards arising from the chemical**

Toxic products of combustion.

Hazardous Combustion Products Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Vinyl acetate. Acetic acid.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

Personal Precautions	Use personal protective equipment as required. For large spills, evacuate the hazard area of unprotected personnel. Spills may be slippery.
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Environmental Precautions	See Section 12 for additional Ecological Information.
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**Methods and material for containment and cleaning up**

Methods for Containment	Prevent further leakage or spillage if safe to do so.
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Methods for Cleaning Up	Clean up spills immediately and place in appropriate containers.
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**7. HANDLING AND STORAGE****Precautions for safe handling**

Advice on safe handling	Handle in accordance with good industrial hygiene and safety practice.
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**Conditions for safe storage, including any incompatibilities**

Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight. Store away from heat, sparks, flame.
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Incompatible Materials	None known based on information supplied.
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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guidelines**

No exposure limits noted for ingredient(s)

**Appropriate engineering controls****Engineering Controls**

None under normal use conditions.

**Individual protection measures, such as personal protective equipment****Eye/Face Protection**

Wear safety glasses with side shields (or goggles). Wear face shield during thermal process.

**Skin and Body Protection**

Wear a thermal insulating glove when handling molten product. Wear long-sleeved shirt, long pants, and shoes plus socks.

**Respiratory Protection**

Use in well-ventilated area.

**General Hygiene Considerations**

Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties****Physical State**

Solid

**Appearance**

Soft, pliable material

**Color**

Not determined

**Odor**

Odorless

**Odor Threshold**

Not determined

**Property****Values****Remarks • Method**

pH

Not applicable

Melting Point/Freezing Point

Not applicable

Boiling Point/Boiling Range

Not applicable

Flash Point

Not applicable

Evaporation Rate

Not applicable

Flammability (solid, gas)

Not determined

Upper Flammability Limits

Not applicable

Lower Flammability Limit

Not applicable

Vapor Pressure

Not applicable

Vapor Density

Not applicable

Relative Density (Specific Gravity)

Not applicable

Water Solubility

Insoluble in water

Solubility in other solvents

Not determined

Partition Coefficient

No data available

Autoignition Temperature

260 °C / 500 °F

Decomposition Temperature

No data available

Kinematic Viscosity

Not determined

Dynamic Viscosity

Not determined

Explosive Properties

Not determined

Oxidizing Properties

Not determined

**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive under normal conditions.

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Hazardous Polymerization**

Hazardous polymerization does not occur.

**Conditions to Avoid**

Avoid direct sunlight. Heat, flames and sparks.

**Incompatible Materials**

None known based on information supplied.

**Hazardous Decomposition Products**

Carbon oxides. acetic acid. Vinyl acetate.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information****Eye Contact**

Avoid contact with eyes.

**Skin Contact**

Under normal processing conditions, material is heated to elevated temperatures; contact with the material can cause thermal burns.

**Inhalation**

Avoid inhalation of dust.

**Ingestion**

Not expected to present a hazard by ingestion during prescribed use.

**Component Information**

Not available

**Information on physical, chemical and toxicological effects****Symptoms**

Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Carcinogenicity**

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Numerical measures of toxicity**

Not determined

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal

**Component Information**

Not available

**Persistence/Degradability**

Not determined

**Bioaccumulation**

This material is not expected to significantly bioaccumulate

Mobility

Not determined

Other adverse effects

Not determined

**13. DISPOSAL CONSIDERATIONS**Waste Treatment Methods**Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION**Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

Not regulated

IATA

Not regulated

IMDG

Not regulated

**15. REGULATORY INFORMATION**International Inventories

Not determined

**Legend:***TSCA - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**ENCS - Japan Existing and New Chemical Substances**IECSC - China Inventory of Existing Chemical Substances**KECL - Korean Existing and Evaluated Chemical Substances**PICCS - Philippines Inventory of Chemicals and Chemical Substances*US Federal RegulationsSARA 313

Not determined

US State RegulationsU.S. State Right-to-Know Regulations

Not determined

**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	0	0	0	Not determined
<b>HMS</b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	0	0	0	Not determined

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Revision Note Updated

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet