



# Safety Data Sheet

Issue Date 07-Jun-2013

Revision Date: 10-Jun-2013

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Soft EVA Tray Mouthguard Material

### Other means of identification

**SDS #** BDM-010

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

**Recommended Use** Sheet resins to form mouth guards 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**

<b>Symptoms</b>	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**

<b>Notes to Physician</b>	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.

**Environmental Precautions** See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up** Clean up spills immediately and place in appropriate containers.

**7. HANDLING AND STORAGE****Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

**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.

**Incompatible Materials** None known based on information supplied.

## 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

<b>Physical State</b>	Solid	<b>Odor</b>	Odorless
<b>Appearance</b>	Soft, pliable material	<b>Odor Threshold</b>	Not determined
<b>Color</b>	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/NDSL - 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 Regulations****SARA 313**

Not determined

**US State Regulations****U.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>HMIS</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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**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**