

# SAFETY DATA SHEET

## SECTION 1. IDENTIFICATION



Great Lakes Orthodontics  
200 Cooper Ave  
Tonawanda, NY 14150

716-871-1161  
800-828-7626  
CHEMTREC: 800-424-9300

**Product Name:** Mouthguard Material, Soft EVA Mouthguard  
**Product Number:** 021-030, 021-031, 021-032, 021-049, 021-101  
025-012, 025-013, 025-014, 025-015

Effective Date: 07/21/15

## SECTION 2. HAZARDOUS IDENTIFICATION

### Potential Health Effects:

#### **Primary Routes of Entry**

- Skin Contact
- Ingestion
- Inhalation

### Human Effects and Symptoms of Overexposure:

#### **Skin**

Prolong contact is essentially non-irritating to skin. There can be mechanical injury, if impacted with skin. Under normal processing conditions, material is heated to elevated temperatures; contact with the material can cause thermal burns. No adverse effects anticipated by skin absorption.

#### **Eyes**

Solid or dust may cause irritation or corneal injury due to mechanical action.

#### **Inhalation**

Inhalation of dust may cause respiratory irritation. Fumes produced during thermal process may cause irritation.

#### **Ingestion**

If unformed material becomes lodged in subject's mouth, do not swallow, spit it out.

#### **Chronic Effects or Exposure**

None.

#### **Carcinogenicity**

No carcinogenic substances as defined by IARC, NTP and / or OSHA.

### **SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS**

<b>Hazardous Components</b>	<b>CAS#</b>	<b>INCI Name</b>	<b>%</b>
Ethylene Copolymer Vinyl Acetate	24937-78-8	Ethylene/VA Copolymer	>99

### **SECTION 4. FIRST AID MEASURES**

#### **Eye Contact**

This material is non-irritating upon contact, except upon impact as any foreign particle in the eye.

#### **Skin Contact**

Not a hazard at ambient conditions. Washing hands is preferable after use. Contact with heated material may cause thermal burns. Do not attempt to remove material from skin. Cool rapidly with cold water. Obtain medical treatment. Treatment as any normal thermal burn.

#### **Ingestion**

Do not swallow. Material is not expected to cause an ingestion problem.

### **SECTION 5. FIRE FIGHTING MEASURES**

#### **Suitable Extinguishing Media**

Suitable extinguishing media for the surrounding fire should be used.

#### **Special Fire Fighting Procedures**

Combustible product that may release, but not limited to, carbon monoxide, carbon dioxide, vinyl acetate, and acetic acid. Use self-contained breathing apparatus when fighting fires.

#### **Unusual Fire / Explosion Hazards**

None.

### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

#### **Spill and Leak Procedures**

Minor spills: Clean up immediately. Slipping hazard.

Major spills: Clear area of personnel. Restrict access to area. Clean up immediately. Slipping hazard.

### **SECTION 7. HANDLING & STORAGE**

#### **Handling Precautions**

No special handling requirements.

#### **Storage Precautions**

Store in a cool, dry location away from sparks. Avoid sunlight.

## **SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

### **Engineering Controls**

No special engineering controls required.

### **Respiratory Protection**

None under ordinary operating use.

### **Eye Protection**

Wear safety glasses with side shields. Wear face shield during thermal process.

### **Skin and Body Protection**

Thermal insulating glove when handling molten product.

## **SECTION 9. PHYSICAL & CHEMICAL PROPERTIES**

- **Form** – Soft, pliable material
- **Odor** – Odorless

**Not Available** – PH, Specific Gravity, Viscosity, % Volatile, Boiling Point, Freezing Point, Decomposition Temperature, Octanol / Water partitioning Coefficient, Vapor Pressure, Vapor Density, Evaporation Rate, Ignition, Solubility in Water, Flash Point, Flammable Limit, Auto-Ignition Temperature.

## **SECTION 10. STABILITY & REACTIVITY**

**Hazardous Reactions** – Polymerization will not occur

**Stability** – Stable solid.

**Conditions to Avoid** – Heat, sunlight, and sparks.

**Incompatibility (Materials to avoid)** – Incompatible with sunlight, heat, and sparks.

**Hazardous Decomposition Products** – Vinyl acetate, acetic acid, CO<sub>2</sub>, and CO.

## **SECTION 11. TOXICOLOGICAL INFORMATION**

Not available.

## **SECTION 12. ECOLOGICAL INFORMATION (non-mandatory)**

Not available.

## **SECTION 13. DISPOSAL CONSIDERATIONS (non-mandatory)**

### **Waste Disposal Method**

Dispose of in compliance with governmental regulation (state and federal).

Dispose of container and unused contents in accordance with federal, state, and local requirements. For EU Member States, please refer to any relevant community provisions relating to waste. In their absence, it is useful to remind the user the national or regional provisions may be in force.

## **SECTION 14. TRANSPORT INFORMATION (non-mandatory)**

Non-regulated, non-hazardous material: DOT, IATA < IMO (IMDG).

## SECTION 15. REGULATORY INFORMATION (non-mandatory)

### United States Federal Regulations

**Clean Air Act: HAP/ODS:** This product contains no HAP's or ODS.

**Clean Water Act: Priority Pollutant:** This product contains no chemicals listed under the US Clean Water Act Priority Pollutant and hazardous Substance List.

**FDA:** This product has not been cleared by the FDA for use in food packaging and / or other applications as an indirect food-packaging additive.

**Occupational Safety and Health Act:** This product is not considered to be hazardous under the OSHA Hazard Communication Standard.

**RCRA:** This product contains no chemicals considered to be hazardous waste under RCRA (40 CFR 261).

**SARA Title III Section 302 (RQ):** This product contains no chemicals regulated under Section 302 as extremely hazardous substances.

**SARA Title III Section 302 (TPQ):** This product does not contain chemicals regulated under Section 304 as extremely hazardous chemicals for emergency release notification (CERCLA List).

**SARA Title III Section 311 – 312:** This product is not considered to be hazardous under the OSHA Hazard Communication Standard and is regulated under Section 311 – 312 (40 CFR 370).

**SARA Title III Section 313:** This product does not contain the following chemicals which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

**TSCA Sectopm 8(b) Inventory:** This product complies with US TSCA Requirements.

**TSCA Significant New Use Rule:** None of the chemicals in this material have a SNUR under TSCA.

### States Regulations

The components to this product are listed on the appropriate applicable state regulations.

### International Regulations

**CDSL (Canadian Inventory on Canadian Transitional List):** Ethylene Vinyl Acetate Copolymer – CAS # 24937-78-8, not controlled under WHMIS.

## SECTION 16. OTHER INFORMATION (non-mandatory)

HMIS Rating:

- **Health** – 0
- **Flammability** – 0
- **Reactivity** – 0

0 = Minimal, 1 = Slight, 2 = Moderate, 3 = Serious, 4 = Severe

\* = Chronic Health Hazard