Section 1 – Identification

Product Name: **Proform NiteGuard**

Chemical Name / Synonyms: Ethylene – Vinyl Copolymer

Family: EVA

Product Use: **Sheet Resins to form Mouthguards**

Product #: 9602550, 9602550R1, 9602550R2, 9602560

Manufacturer: KEYSTONE INDUSTRIES
52 King Street Myerstown, PA 17067

Information Contacts: (856)-663-4700

Emergency Phone Numbers: US & Canada (800) 535 - 5053

EU Address: **KEYSTONE EUROPE LLC.**
Batavenweg 7
5349BC OSS, Netherlands
Emergency Phone Numbers:
International: 1-352-323-3500

Section 2 – Hazards Identification

EMERGENCY OVERVIEW

This information is based on findings from related or similar materials.

- Material is not considered hazardous by OSHA per 29 CFR 1910.
- This product is combustible and will burn in fire and emit irritating smoke. Dust from this product can form an explosive organic dust cloud. Dusts and heat – released air emissions may be irritating to the eyes, skin, and respiratory system.
- Molten Resin cause severe thermal burns.
- Product does not contain latex.

Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry	Inhalation, skin, and ingestion.
Eye	Solid or dust may cause irritation or corneal injury due to mechanical action.
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.
Ingestion	If un-formed material becomes lodged in subject's mouth, do not swallow, spit it out.
Inhalation	Inhalation of dust may cause respiratory irritation. Fumes produced during thermal process may cause irritation.

NOTE: Refer to Section 11, Toxicological Information for Details

Section 3 – Composition/Information on Ingredients

Chemical Identity	CAS Numbers	EINECS#	INCI Name	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	Carcinogen IARC/NTP/OSHA	%
Ethylene-Vinyl Acetate Copolymer	24937-78-8	N/E	Ethylene/VA Copolymer	N/E	N/E	N/E	>99

N/E – None Established
N/R – Not Reviewed
N/DA – No Data Available
N/A – Not Applicable

(items in parenthesis relate to 1999/45/EC)

See Section 16 for Hazard and Precautionary Statement Key.

Section 4 – First Aid Measures

Solid Product is neither an irritant nor gives off hazardous vapours at ambient temperatures.

First Aid for Eye	This material is non-irritating upon contact, except upon impact as any foreign particle in the eye.
First Aid for Skin	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.
First Aid for Ingestion	Do not swallow. Material is not expected to cause an ingestion problem.
First Aid for Inhalation	N/A

Section 5 – Fire Fighting Measures

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
500°F/260°C Method: Cleveland Closed Cup	N/A	N/A

Method:	
Extinguishing Media:	Suitable extinguishing media for the surrounding fire should be used.
Fire Fighting Instructions:	Combustible product that may release, but not limited to, carbon monoxide, carbon dioxide, vinyl acetate, and acetic acid.
Unusual Hazards:	Use self contained breathing apparatus when fighting fires.

Section 6 – Accidental Release Measures

Spill or Release Procedures	Minor spills – Clean up immediately. Slipping hazard. Major spills – Clear area of personnel. Restrict access to area. Clean up immediately. Slipping hazard. See section 8 & section 12.

Section 7 – Handling and Storage

Handling	No special handling requirements.
Storage	Store in a cool, dry location. Avoid sunlight.
Explosion Hazard	None.

Section 8 – Exposure Controls / Personal Protection

Engineering Controls	No special engineering controlled required.

Personal Protective Equipment

General	To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132), or European Standard EN166 be conducted before using this product.
Eye/ Face Protection	Wear safety glasses with side shields. Wear face shield during thermal process.
Skin Protection	Thermal insulating glove when handling molten product.
Respiratory Protection	None under ordinary operating use.

Section 9 – Physical and Chemical Properties

Appearance	Odor & Odor Threshold	pH	Specific Gravity	Viscosity	% Volatile
Translucent to whitish sheets;	Mild, ester-like	N/A	(H2O = 1): 0.94	N/A	N/A

Boiling Point/ Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient Log Po/w	Vapor Pressure:	Vapor Density	Evaporation Rate	Ignition	Solubility In Water (20°C)
N/A	> 446°F/230°C	N/DA	N/A	N/A	N/A	N/A	Negligible

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
500°F/260°C Method: Cleveland Closed Cup	N/A	N/A

Section 10 – Stability and Reactivity

Stability:	**Incompatibility (Materials to Avoid):**
Stable solid at normal temperature and storage conditions	Strong acids and oxidizing agents

Hazardous Decomposition Products:
Carbon monoxide, Organic acids, Aldehydes, Acrolein, Alcohols, nitrogen oxides

Hazardous Polymerization:
Will not occur

Conditions to Avoid: Heat, sunlight

Section 11 – Toxicological Information

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation – skin	Irritation – Eye
N/DA	N/DA	N/DA	No skin irritation, rabbit	No eye irritation, rabbit

Sensitization	Mutagenicity	Sub-chronic Toxicity
N/ DA	N/DA	N/ DA

Section 12 – Ecological Information

Ecotoxicological Information

Acute Toxicity to Fish	Acute Toxicity to Invertebrates	Acute Toxicity to Algae	Bioconcentration	Toxicity to Sewage Bacteria
N/DA	N/ DA	N/ DA	N/ DA	N/ DA

Chemical Fate Information

Biodegradability	N/A. This material is not expected to bioaccumulate.
Chemical Oxygen Demand	N/ DA

Section 13 – Disposal Considerations

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 that national or regional provisions may be in force.

Section 14 – Transport Information

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

Section 15 – Regulatory Information

US Federal Regulations

Clean Air Act: HAP/ODS	This product contains the following HAP's or ODS: • NONE
Clean Water Act: Priority Pollutant	This product contains the following chemicals listed under the U. S. Clean Water Act Priority Pollutant and Hazardous Substance List: • None
FDA: Food Packaging Status	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. It's hazards are: • None
RCRA	This product contains the following chemicals considered to be hazardous waste under RCRA (40 CFR 261). • None
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 contains 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: • None
TSCA Section 8(b): Inventory: TSCA Significant New Use Rule:	This product complies with US TSCA requirements. None of the chemicals in this material have a SNUR under TSCA.

State Regulations

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

International Regulations

CDSL: Canadian Inventory (on Canadian Transitional List)	All components are listed, where necessary. Ethylene Vinyl Acetate Copolymer not controlled under WHMIS

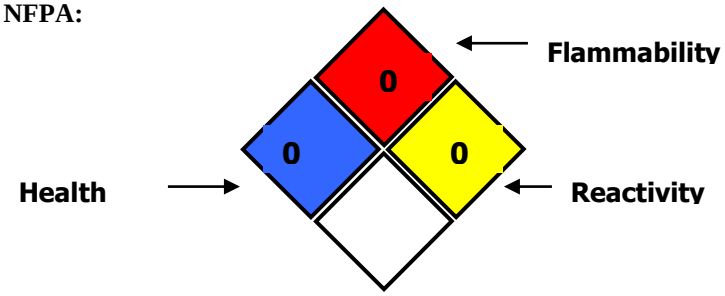
Labeling according to EC directives – 1272/2008 {CLP} AND 1999/45/EC (items in parenthesis relate to 1999/45/EC)

European Community:	**For Proform NiteGuard (finished product):** • DANGER SYMBOLS: N/A – non hazardous • HAZARD STATEMENT: **N/A** • PRECAUTIONARY STATEMENT: N/A

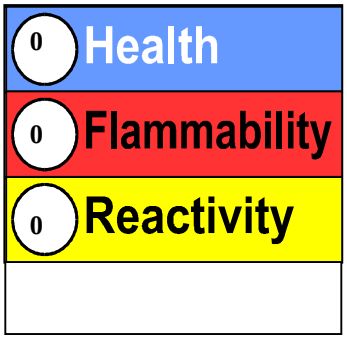
Section 16 – Other Information

Hazard Rating System (Pictograms)

NFPA:



HMIS:



MSDS Prepared by:	WME
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