



# MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

**Part Number(s):**  
25-200-XX (25-200-00  
THRU 20)

Product Name: Essix Laminated Mouthguard

Release Date: March 15, 2007

## 1. Product and Company Identification

<b>Trade Name &amp; Synonyms</b> Proform mouthguard	<b>MSDS Code Number</b> Refer to part number
<b>Chemical Name</b> Ethylene-vinyl copolymer	<b>Manufacture / Distributor</b> GAC International Inc.
<b>C.A.S. Number</b> 108-05-4	<b>Address</b> 355 Knickerbocker Ave. Bohemia, NY USA 11716
<b>Grades or Minor Variant Identities</b> NA	<b>Information Telephone Number</b> 1-631-419-1700
<b>Product Use (for Canada)</b> NA	<b>Emergency Telephone Number</b> 1-631-419-1700

## 2. Composition of Ingredients

<b>Hazardous Components</b>	<b>% TLV UNITS</b>	<b>C.A.S. Number</b>	<b>Exposure Limits</b>	<b>%</b>
<u>Paints, preservatives &amp; Solvents</u> Pigments Catalyst Vehicle Solvents Additives Others		NA	NA	NA
<u>Alloys and Metallic Coatings</u> Base metal Alloys Metallic coatings Filler metal plus coating or core flux Others		NA	NA	NA
<u>Hazardous mixtures of other liquids, solids, or gases</u> Vinyl acetate		108-05-4	NA	NA

## 3. Hazard Identification

<b>Emergency Overview</b> NA					
<b>Routes of Exposure</b>	<b>Signs and Symptoms</b>	<b>Single, Repeated, or Lifetime Exposure</b>	<b>Severity (Mild, Moderate, Severe)</b>	<b>Acute and Chronic Health Effect(s)</b>	<b>Target Organ(s)</b>
Eye	NA	NA	NA	NA	NA
Skin	NA	NA	NA	NA	NA
Inhalation	NA	NA	NA	NA	NA
Ingestion	NA	NA	NA	NA	NA
Other	Threshold limit value: NA	NA	NA	NA	NA
<b>Medical Conditions Aggravated by Exposure</b> Molten polymer contacting skin may cause thermal burns.					
<b>Carcinogenicity (IARC, NTP)</b> NA					
<b>Potential Environmental Effects</b> NA					



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## 4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	NA	NA	NA
Skin	If molten polymer contacts skin, cool rapidly with cold water. Do not attempt to peel polymer from skin.	Contact physician for thermal burns.	NA
Inhalation	NA	NA	NA
Ingestion	NA	NA	NA
Other	NA	NA	NA
<b>Note to Physicians (Treatment, Testing, and Monitoring)</b>			
NA			

## 5. Fire and Explosion Data

<b>Flashpoint &amp; Method:</b> (260°C) / °F (CPO)	<b>Flammable (Explosive) Limits in Air</b> LEL: N/A UEL: N/A	<b>Autoignition Temperature</b> NA	<b>Other</b> NA
<b>Flame Propagation or Burning</b> NA	<b>Properties Contributing to Fire Intensity</b> NA	<b>Flammability Classification</b> Health-, Flammability-, Reactivity- NA	
<b>Extinguishing Media</b> Water, carbon dioxide, foam, dry chemicals.		<b>Extinguishing Media to Avoid</b> NA	
<b>Protection and Procedures for Firefighters</b> The solid polymer can be combusted only with difficulty. Wear self contained breathing apparatus when exposed to fumes.			
<b>Unusual Fire and Explosion Hazards</b> None			

## 6. Accidental Release Measures

<b>Containment Techniques</b> NA
<b>Spill/Leak Clean-Up Procedures and Equipment</b> NA
<b>Evacuation Procedures</b> NA
<b>Special Instructions</b> NA
<b>Reporting Requirements</b> NA

## 7. Handling and Storage

<b>Handling Practices and Warnings</b> NA
<b>Storage Practices and Warnings</b> (°C / °F). Store at room temperature.



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## 8. Exposure Control/Personal Protection

<b>Ventilation</b> Local exhaust: Not required. Special: Mechanical (general): Other:		<b>Other Engineering Controls</b> NA
<b>Routes of Entry:</b>	<b>Personal Protective Equipment (PPE) for Normal Use:</b>	<b>PPE for Emergencies:</b>
<b>Eye/Face</b>	NA	NA
<b>Skin</b>	Protective gloves recommended when hot.	NA
<b>Inhalation</b>	NA	NA
<b>General Hygiene Considerations and Work Practices</b> NA		
<b>Protective Measures During Repair and Maintenance of Contaminated Equipment</b> NA		
<b>Other Protective Measures and Equipment</b> NA		

## 9. Physical and Chemical Characteristics

<b>Appearance</b> Translucent to whitish sheets-colorant is added to some types.		<b>Odor</b> NA
<b>Normal Physical State:</b> <input type="checkbox"/> Liquid <input type="checkbox"/> Gas  <input type="checkbox"/> Solid <input type="checkbox"/> NA (Other)		<b>Boiling Point</b> °C / °F NA <b>Melting Point</b> °C / °F NA <b>Freezing Point</b> °C / °F NA
<b>Specific Gravity or Density (H<sub>2</sub>O=1)</b> 0.93	<b>Solubility in Water</b> Negligible	<b>pH</b> NA
<b>Vapor Pressure (mm Hg @ 20°C)</b> NA	<b>Vapor Density (AIR= 1)</b> NA	<b>Evaporation Rate (Butyl Acetate = 1)</b> NA
<b>Other</b> Percent volatile by volume %: NA		

## 10. Stability and Reactivity Data

<b>Incompatibility (Materials to Avoid)</b> Strong acids and oxidizing agents.	
<b>Hazardous Products Produced During Decomposition</b> Vinyl acetate, acetic acid, CO, hydrocarbons.	
<b>Hazardous Polymerization?</b> <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> May Not Occur	<b>Conditions to Avoid</b> °C / °F NA
<b>Stability?</b> <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	<b>Conditions to Avoid</b> Temperatures above 230°C / °F

## 11. Toxicological Information

<b>Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic or Reproductive Effects, or Structure Activity Data</b> NA
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## 12. Ecological Information

Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements

NA

## 13. Disposal Considerations

**Regulations**

Landfill or incineration in compliance with all local, state and federal regulations.

**Properties (Physical/Chemical) Affecting Disposal**

NA

## 14. Transport Information

**Regulated for shipping?**

Yes  No NA

**Proper Shipping Name**

Essix laminated mouthguard

**Packing Group**

NA

**Do changes in quantity, packaging, or shipment method change product classification?**

Yes  No NA

**Hazard Class**

NA

**Identification Number**

NA

**Other**

NA

## 15. Regulatory Information

**Federal Regulations**

NA

**International Regulations**

NA

**Other**

NA

## 16. Other Information

**Supplier Number:** 40/25

**Supplier Release:** NA

NA = not applicable. NA = not available, N/E = not established. N/D = not determined.