



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
25-200-40 /25-200-41

Product Name: Mouthguard Materials

Release Date: March 15, 2007

1. Product and Company Identification

Trade Name & Synonyms EVA Mouthguard materials	MSDS Code Number Refer to part number
Chemical Name Ethylene-vinyl copolymer	Manufacture / Distributor GAC International Inc.
C.A.S. Number 108-05-04	Address 355 Knickerbocker Ave. Bohemia, NY USA 11716
Grades or Minor Variant Identities NA	Information Telephone Number 1-631-419-1700
Product Use (for Canada) NA	Emergency Telephone Number 1-631-419-1700

2. Composition of Ingredients

Hazardous Components	C.A.S. Number	Exposure Limits	%
N/A	NA	NA	NA
Vinyl acetate	108-05-04	NA	NA

3. Hazard Identification

Emergency Overview NA					
Routes of Exposure	Signs and Symptoms	Single, Repeated, or Lifetime Exposure	Severity (Mild, Moderate, Severe)	Acute and Chronic Health Effect(s)	Target Organ(s)
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: N/A.	NA	NA	NA	NA
Medical Conditions Aggravated by Exposure Molten polymer contacting skin may cause thermal burns.					
Carcinogenicity (IARC, NTP) NA					
Potential Environmental Effects NA					

4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	NA	NA	NA
Skin	If molten polymers contact 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
Note to Physicians (Treatment, Testing, and Monitoring) NA			



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5. Fire and Explosion Data

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

6. Accidental Release Measures

Containment Techniques NA
Spill/Leak Clean-Up Procedures and Equipment N/A
Evacuation Procedures NA
Special Instructions NA
Reporting Requirements NA

7. Handling and Storage

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

8. Exposure Control/Personal Protection

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



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9. Physical and Chemical Characteristics

Appearance Translucent to white. Soft pliable		Odor Odorless.	
Normal Physical State: <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> Solid <input type="checkbox"/> NA (Other)		Boiling Point °C / °F N/A Melting Point °C / °F NA Freezing Point °C / °F NA	
Specific Gravity or Density (H₂O=1) 0.93	Solubility in Water Negligible	pH NA	
Vapor Pressure (mm Hg @ 20°C) N/A	Vapor Density (AIR= 1) N/A	Evaporation Rate (Butyl Acetate = 1) N/A	
Other % Volatile by volume: N/A			

10. Stability and Reactivity Data

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

11. Toxicological Information

Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic or Reproductive Effects, or Structure Activity Data 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 with all local, state and federal regulations.
Properties (Physical/Chemical) Affecting Disposal NA

14. Transport Information

Regulated for shipping? <input type="checkbox"/> Yes <input type="checkbox"/> No NA	Proper Shipping Name Mouth guard materials	Packing Group NA	
Do changes in quantity, packaging, or shipment method change product classification? <input type="checkbox"/> Yes <input type="checkbox"/> No NA		Hazard Class NA	Identification Number NA
Other NA			



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15. Regulatory Information

Federal Regulations

NA

International Regulations

NA

Other

NA

16. Other Information

Supplier Number: 40 / 25

Supplier Release: NA

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