



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
17-777-1X

Product Name: Autoclavable Short Tip Bite Stick

Release Date: March 1, 2006

1. Product and Company Identification

Trade Name & Synonyms Autoclavable short tip bite stick	MSDS Code Number 17-777-1X
Chemical Name Syndiotactic Polystyrene/stainless (TIP)	Manufacture / Distributor GAC International Inc.
C.A.S. Number 009003-53-6	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	%
Syndiotactic polystyrene	009003-53-6	NA	50-90
Glass fiber	0655997-17-3	NA	5-50
Proprietary ingredients	NA	NA	5-30

3. Hazard Identification

Emergency Overview					
Hazardous ingredients: This product has non-hazardous ingredient as defined under the criteria of the federal OSHA hazard communication standard 29 CFR 1910 1200.					
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	Acute eye contact: Mechanical irritation. Chronic eye contact: None	NA
Skin	NA	NA	NA	NA	NA
Inhalation	NA	NA	NA	Acute inhalation: No significant health hazard Chronic inhalation: None	NA
Ingestion	NA	NA	NA	NA	NA
Other	Potential health effects: None	NA	NA	NA	NA
Medical Conditions Aggravated by Exposure None					
Carcinogenicity (IARC, NTP) None					
Potential Environmental Effects None					

4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	N/A	N/A	N/A
Skin	N/A	N/A	N/A
Inhalation	N/A	N/A	N/A
Ingestion	N/A	N/A	N/A
Other	NA	NA	NA
Note to Physicians (Treatment, Testing, and Monitoring) NA			



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5. Fire and Explosion Data

Flashpoint & Method: °C / °F Non-flammable	Flammable (Explosive) Limits in Air LEL: N/A UEL: N/A	Autoignition Temperature NA	Other Hazardous combustion products: Combustion may produce carbon dioxide and carbon monoxide.
Flame Propagation or Burning NA	Properties Contributing to Fire Intensity NA	Flammability Classification Health-, Flammability-, Reactivity-NA	
Extinguishing Media N/A		Extinguishing Media to Avoid NA	
Protection and Procedures for Firefighters None			
Unusual Fire and Explosion Hazards NA			

6. Accidental Release Measures

Containment Techniques NA
Spill/Leak Clean-Up Procedures and Equipment Remove by mechanical means.
Evacuation Procedures NA
Special Instructions NA
Reporting Requirements NA

7. Handling and Storage

Handling Practices and Warnings None
Storage Practices and Warnings Storage temperature: Ambient. Shelf life: 5 YEARS. Special sensitivite, handling/storage precautions: None.

8. Exposure Control/Personal Protection

Ventilation None	Other Engineering Controls NA	
Routes of Entry:	Personal Protective Equipment (PPE) for Normal Use:	PPE for Emergencies:
Eye/Face	None	NA
Skin	None required	NA
Inhalation	None	NA
General Hygiene Considerations and Work Practices NA		
Protective Measures During Repair and Maintenance of Contaminated Equipment NA		
Other Protective Measures and Equipment None		



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9. Physical and Chemical Characteristics

Appearance Solid. Color: Various F.D.A. allowable colors		Odor Odorless
Normal Physical State: <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input checked="" type="checkbox"/> Solid <input type="checkbox"/> _____ (Other)		Boiling Point °C / °F N/A Melting Point °C / °F N/A Freezing Point °C / °F N/A
Specific Gravity or Density (H₂O=1) 1.37G/CM ³ (In water =1)	Solubility in Water Insoluble	pH N/D
Vapor Pressure (mm Hg @ 20°C) N/A	Vapor Density (AIR= 1) NA	Evaporation Rate (Butyl Acetate = 1) NA
Other Bulk density: Approx. 10.01 LBS/CM ³ . % Volatile by volume: N/A		

10. Stability and Reactivity Data

Incompatibility (Materials to Avoid) None known.	
Hazardous Products Produced During Decomposition By fire; carbon monoxide, carbon dioxide.	
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 °C / °F Instability conditions: None known.

11. Toxicological Information

Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic or Reproductive Effects, or Structure Activity Data EMERGENCY OVERVIEW: CAUTION: Contact with hot material will cause thermal burns; Toxic gases/fumes are given off during burning or decomposition and may cause allergic skin and respiratory reaction; Melted product is flammable and produces intense heat and dense smoke during burning.
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12. Ecological Information

Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements N/A
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13. Disposal Considerations

Regulations Waste disposal method: In accordance to federal, state or local regulations.
Properties (Physical/Chemical) Affecting Disposal NA



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14. Transport Information

Regulated for shipping? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Proper Shipping Name Autoclavable short tip bite stick	Packing Group NA
Do changes in quantity, packaging, or shipment method change product classification? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Hazard Class Not regulated	Identification Number Not regulated
Other Freight class bulk: Not regulated. Freight class package: Not regulated. Product label: Not regulated. Hazard class division number: Not regulated.		

15. Regulatory Information

Federal Regulations SARA TITLE III: This product is not reportable under section 302.4 of SARA and 40 CFR Part 355. Hazardous substances: None. Section 311/312. Hazard categories: None. Section 313. Toxic chemicals: None. RERA STATUS: Non-hazardous.
International Regulations NA
Other HMIS RATINGS: Health 0 Flammability 0 Reactivity 0 0= Minimal 1= Slight 2= Moderate 3= Serious 4= Severe.

16. Other Information

Supplier Number: 31/17 Supplier Release: January 7, 2003 Rev: 1 N/A = not applicable. NA = not available, N/E = not established. N/D = not determined.
