



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
97-350-70,97-350-80,97-350-60pc, 97-350-60

Product Name: PROPHY CUPS

Release Date: October 28, 2005

1. Product and Company Identification

Trade Name & Synonyms Prophy cups	MSDS Code Number Refer to part number
Chemical Name Syndiotactic polystyrene	Manufacture / Distributor GAC International Inc.
C.A.S. Number NA	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					
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	-	-	Acute eye contact: Mechanical irritation. Chronic eye contact: None	-
Skin	NA	-	-		-
Inhalation	NA	-	-	Acute inhalation: No significant health hazard. Chronic inhalation: None	-
Ingestion	NA	-	-		-
Other	NA	-	-		-
Medical Conditions Aggravated by Exposure None					
Carcinogenicity (IARC, NTP) None					
Potential Environmental Effects NA					

4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	N/A	NA	NA
Skin	N/A	NA	NA
Inhalation	N/A	NA	NA
Ingestion	N/A	NA	NA
Other	N/A	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 NA
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 N/A	
Protection and Procedures for Firefighters None			
Unusual Fire and Explosion Hazards Combustion may produce carbon dioxide and carbon monoxide			

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 Shelf life 5 years
Storage Practices and Warnings (°C / °F). Store in ambient temperature.

8. Exposure Control/Personal Protection

Ventilation NA	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



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General Hygiene Considerations and Work Practices NA
Protective Measures During Repair and Maintenance of Contaminated Equipment NA
Other Protective Measures and Equipment None

9. Physical and Chemical Characteristics

Appearance Solid, various FDA 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 N/A Melting Point N/A Freezing Point NA / °F
Specific Gravity or Density (H₂O=1) 1.37G/CM3	Solubility in Water Insoluble	pH Not determined
Vapor Pressure (mm Hg @ 20°C) N/A	Vapor Density (AIR= 1) Approx.10.01 LBS/CM3	Evaporation Rate (Butyl Acetate = 1) NA
Other Bulk density approx 10.01 lbs/cm3		

10. Stability and Reactivity Data

Incompatibility (Materials to Avoid) None known	
Hazardous Products Produced During Decomposition Carbon dioxide, Carbon monoxide	
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 NA

11. Toxicological Information

Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic or Reproductive Effects, or Structure Activity Data 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.

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 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 Prophy cups	Packing Group Not regulated	
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 NA	
Other NA			

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/ 97 Supplier Release: 12-02-2004
N/A = not applicable. NA = not available, N/E = not established. N/D = not determined.