



MATERIAL SAFETY DATA SHEET

Part Number(s):

Form WI04-11A Rev. 1

Product Name: Glow-in-the-Dark Ties

Release Date: April 10, 2007

1. Product and Company Identification

Trade Name & Synonyms GLOW-IN-DARK TIES	MSDS Code Number 25-GLO
Chemical Name Poly urethane polyester elastomer. Formula: 96 % Poly-urethane, 4 % glow-in-dark concentrate	Manufacture / Distributor GAC International Inc.
C.A.S. Number 26375-23-5	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	%
	26375-23-5	N/A	96
Glow	NA	N/A	04
Hazardous ingredients: Non-hazardous			

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 Yes	NA	NA	NA	Acute: Mechanical irritation. Chronic: None	NA
Skin	NA	NA	NA	NA	NA
Inhalation Yes	NA	NA	NA	Acute: No significant health hazard. Chronic: None	NA
Ingestion	NA	NA	NA	NA	NA
Other	NA	NA	NA	NA	NA
Medical Conditions Aggravated by Exposure None. Exposure limits: None					
Carcinogenicity (IARC, NTP) None					
Potential Environmental Effects Potential health effects: None					

4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	Flush eyes with water.	NA	NA
Skin	Wash with soap and water.	NA	NA
Inhalation	Not a probable route of exposure.	NA	NA
Ingestion	Not a probable route of exposure.	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: °C / above 600°F	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-1, Flammability-1, Reactivity-0. HMIS RATINGS. 0= minimal, 1=slight, 2=moderate, 3= serious, 4=severe	
Extinguishing Media Foam, CO2, water fog, dry chemical.		Extinguishing Media to Avoid NA	
Protection and Procedures for Firefighters N/A			
Unusual Fire and Explosion Hazards NA			

6. Accidental Release Measures

Containment Techniques NA
Spill/Leak Clean-Up Procedures and Equipment Sweep up.
Evacuation Procedures NA
Special Instructions NA
Reporting Requirements NA

7. Handling and Storage

Handling Practices and Warnings N/A
Storage Practices and Warnings (°C / °F). Storage temperature: N/A Shelf life: N/A Special sensitivite: N/A Other notes: N/A



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8. Exposure Control/Personal Protection

Ventilation Not required.		Other Engineering Controls NA
Routes of Entry:	Personal Protective Equipment (PPE) for Normal Use:	PPE for Emergencies:
Eye/Face	Safety glasses	NA
Skin	None required	NA
Inhalation	Not required.	NA
General Hygiene Considerations and Work Practices NA		
Protective Measures During Repair and Maintenance of Contaminated Equipment NA		
Other Protective Measures and Equipment N/A		

9. Physical and Chemical Characteristics

Appearance Color: Yellow-white		Odor Waxy
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 -Freezing Point °C / °F N/A
Specific Gravity or Density (H₂O=1) 1.3	Solubility in Water Insoluble	pH NA
Vapor Pressure (mm Hg @ 20°C) N/A	Vapor Density (AIR= 1) NA	Evaporation Rate (Butyl Acetate = 1) NA
Other Bulk density: N/A % volatile by volume: N/A		

10. Stability and Reactivity Data

Incompatibility (Materials to Avoid) NA		
Hazardous Products Produced During Decomposition Phosphorus, 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: N/A

11. Toxicological Information

Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic or Reproductive Effects, or Structure Activity Data N/A

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: Landfill in compliance with local, state, and federal regulations.

Properties (Physical/Chemical) Affecting Disposal

NA

14. Transport Information

Regulated for shipping?

Yes No

Proper Shipping Name

Glow in dark ties

Packing Group

NA

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

Yes No NA

Hazard Class

NA

Identification Number

NA

Other

Freight class bulk: NA

Freight class package: NA

Product label: NA

15. Regulatory Information

Federal Regulations

SARA Title III: Section 302 Extremely hazardous substances: None.

Section 311 / 312 Hazard categories: NA

Section 313 Toxic chemicals: NA

RERA status: Non-hazardous.

International Regulations

NA

Other

NA

16. Other Information

Supplier Number: 31

Supplier Release: NA

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