



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
59-700-XX



Product Name: Sani Ties .110

Release Date: April 10, 2007

1. Product and Company Identification

Trade Name & Synonyms Loose cut ties (.110)	MSDS Code Number Polyurethane elastomer
Chemical Name Polyurethane elastomer. Chemical family: Pellethane Formula: N/A	Manufacture / Distributor GAC International Inc.
C.A.S. Number 058180-53-3	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	%
	058180-53-3	NA	98
Hazardous ingredients: Non-hazardous.	NA	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 Yes	NA	NA	NA	Acute: Mechanical irritation. Chronic: None	NA
Skin	NA	NA	NA	NA	NA
Inhalation Yes	NA	NA	NA	Acute: Dust may cause minor irritation to respiratory tract. Chronic: None	NA
Ingestion	NA	NA	NA	NA	NA
Other	NA	NA	NA	NA	NA
Medical Conditions Aggravated by Exposure N/A. Exposure limits: N/A Potential health effects: None known.					
Carcinogenicity (IARC, NTP) None					
Potential Environmental Effects Human effects and symptoms of overexposure:					

4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	Flush immediately with water for 5 minutes minimum.	NA	NA
Skin	Wash off in flowing water.	NA	NA
Inhalation	Remove to fresh air.	NA	NA
Ingestion	No adverse effects.	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 / °F N/A	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	
Extinguishing Media Water fog, foam, CO2, 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 and dispose.
Evacuation Procedures NA
Special Instructions NA
Reporting Requirements NA

7. Handling and Storage

Handling Practices and Warnings Store in sealed containers. Other notes: N/A
Storage Practices and Warnings (°C / °F). Storage temperature: Ambient. Shelf life: None. Special sensitivite: Moisture.

8. Exposure Control/Personal Protection

Ventilation Good general ventilation	Other Engineering Controls NA	
Routes of Entry:	Personal Protective Equipment (PPE) for Normal Use:	PPE for Emergencies:
Eye/Face	Safety glasses	NA
Skin	None	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 NA		



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9. Physical and Chemical Characteristics

Appearance Clear colorless to yellow (multi colors, FDA approved colorants)		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 N/A Freezing Point °C / °F N/A
Specific Gravity or Density (H₂O=1) 1.15 – 1.25	Solubility in Water Insoluble	pH N/A
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) None known.	
Hazardous Products Produced During Decomposition Carbon monoxide, carbon dioxide, traces of Hydrogen cyanide	
Hazardous Polymerization? <input type="checkbox"/> May Occur <input type="checkbox"/> May Not Occur N/A	Conditions to Avoid °C / °F NA
Stability? <input type="checkbox"/> Stable <input type="checkbox"/> Unstable NA	Conditions to Avoid Avoid excessive pressures about 500 °F Instability conditions: None

11. Toxicological Information

Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic or Reproductive Effects, or Structure Activity Data None
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12. Ecological Information

Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements None

13. Disposal Considerations

Regulations Waste disposal method: Incinerate or dispose in an approved landfill.
Properties (Physical/Chemical) Affecting Disposal NA



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14. Transport Information

Regulated for shipping? <input type="checkbox"/> Yes <input type="checkbox"/> No NA	Proper Shipping Name NA	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 Technical shipping name: None. Freight class bulk: Freight class package: Product label: Hazard class or division: Hazard class division number:		

15. Regulatory Information

Federal Regulations SARA Title III (In raw form) Section 302 Extremely hazardous substances: None. Section 311/312 Hazard categories: None. Section 313 Toxic chemicals: None. RERA Status: None.
International Regulations NA
Other HMIS RATINGS: Health : 1 Flammability: 1 Reactivity: 0 0=minimal, 1=slight, 2=moderate, 3=serious, 4=severe.

16. Other Information

Supplier Number: 31/59	Supplier Release: NA
N/A = not applicable. NA = not available, N/E = not established. N/D = not determined.	