



# MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):  
34-000-20

Product Name: ELAST SEP STANDARD 100X10 LTBL

Release Date: December 5, 2006

## 1. Product and Company Identification

<b>Trade Name &amp; Synonyms</b> Ortho Separator	<b>MSDS Code Number</b> Refer to part number
<b>Chemical Name</b> Polyurethane elastomer	<b>Manufacture / Distributor</b> GAC International Inc.
<b>C.A.S. Number</b> 26375-23-5	<b>Address</b> 355 Knickerbocker Ave. Bohemia, NY USA 11716
<b>Grades or Minor Variant Identities</b> NA	<b>Information Telephone Number</b> 1-631-419-1700
<b>Product Use (for Canada)</b> Used for separation.	<b>Emergency Telephone Number</b> 1-631-419-1700

## 2. Composition of Ingredients

Hazardous Components	C.A.S. Number	Exposure Limits	%
Polyurethane polyester elastomer	26375-23-5	NA	90

## 3. Hazard Identification

<b>Emergency Overview</b> Potential Health Effects: None  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	Human effects and symptoms of over exposure: None. Exposure limits: None.	NA	NA	NA	NA
<b>Medical Conditions Aggravated by Exposure</b> None					
<b>Carcinogenicity (IARC, NTP)</b> None					
<b>Potential Environmental Effects</b> 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	NA	NA	NA
<b>Note to Physicians (Treatment, Testing, and Monitoring)</b> NA			



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## 5. Fire and Explosion Data

<b>Flashpoint &amp; Method:</b> 250°C /Above 482 °F	<b>Flammable (Explosive) Limits in Air</b> LEL: N/A UEL: N/A	<b>Autoignition Temperature</b> NA	<b>Other</b> NA
<b>Flame Propagation or Burning</b> NA	<b>Properties Contributing to Fire Intensity</b> NA	<b>Flammability Classification</b> Health- 0 Flammability1 , Reactivity-0 1- Slight	
<b>Extinguishing Media</b> Water, dry chemical, foam.		<b>Extinguishing Media to Avoid</b> NA	
<b>Protection and Procedures for Firefighters</b> None			
<b>Unusual Fire and Explosion Hazards</b> NA			

## 6. Accidental Release Measures

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

## 7. Handling and Storage

<b>Handling Practices and Warnings</b> Store in sealed containers. Protect from atmospheric moisture.
<b>Storage Practices and Warnings</b> Storage temperature: Ambient. Shelf life: 2 years. Special sensitivite : NA

## 8. Exposure Control/Personal Protection

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



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## 9. Physical and Chemical Characteristics

<b>Appearance</b> Solid. Color: Various F.D.A allowable colors.		<b>Odor</b> Odorless.
<b>Normal Physical State:</b> <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input checked="" type="checkbox"/> Solid <input type="checkbox"/> _____ (Other)		<b>Boiling Point</b> °C / °F <u>N/A</u> <b>Melting Point</b> <u>356-392 °C / 180-200 °F</u> <b>Freezing Point</b> °C / °F <u>N/A</u>
<b>Specific Gravity or Density (H<sub>2</sub>O=1)</b> 1.10	<b>Solubility in Water</b> Insoluble	<b>pH</b> NA
<b>Vapor Pressure (mm Hg @ 20°C)</b> N/A	<b>Vapor Density (AIR= 1)</b> NA	<b>Evaporation Rate (Butyl Acetate = 1)</b> NA
<b>Other</b> Bulk density: 600-700KG/m3. % Volatile by volume: N/A		

## 10. Stability and Reactivity Data

<b>Incompatibility (Materials to Avoid)</b> None known. <b>Instability conditions:</b> None known.	
<b>Hazardous Products Produced During Decomposition</b> By fare or thermal decomposition- carbon monoxide(CO), Carbon dioxide (CO <sub>2</sub> ), Diphenylcarbonate, oxides of nitrogen (NO <sub>x</sub> ), traces of hydrogen cyanide (HCN), amines, and nitriles. Traces of MDI, aliphatic and aromatic hydrocarbons, aldehydes and acids may also be formed.	
<b>Hazardous Polymerization?</b> <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> May Not Occur	<b>Conditions to Avoid</b> °C / °F NA
<b>Stability?</b> <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	<b>Conditions to Avoid</b> °C / °F NA

## 11. Toxicological Information

<b>Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic or Reproductive Effects, or Structure Activity Data</b> 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

<b>Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements</b> None.
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## 13. Disposal Considerations

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



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## 14. Transport Information

<b>Regulated for shipping?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			<b>Proper Shipping Name</b> Polyurethane polyelastomer		<b>Packing Group</b> N/A	
<b>Do changes in quantity, packaging, or shipment method change product classification?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				<b>Hazard Class</b> Non-hazardous.		<b>Identification Number</b> Not hazardous by D.O.T regulations.
<b>Other</b> Freight class bulk: N/A. Freight class package: N/A. Product label: N/A						

## 15. Regulatory Information

<b>Federal Regulations</b> SARA TITLE III: SECTION 302 Extremely hazardous substances: None. SECTION 311/312. Hazard categories : None. SECTION 313 Toxic chemicals: None. RERA STATUS: Non-hazardous.	
<b>International Regulations</b> NA	
<b>Other</b> NA	

## 16. Other Information

<b>Supplier Number:</b> 31/ 34	<b>Supplier Release:</b> January 7, 2003.
N/A = not applicable. NA = not available, N/E = not established. N/D = not determined.	