



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
25-191-XX, 25-195-XX

Product Name: Essix Embrace® Plastic

Release Date: April 3, 2006

1. Product and Company Identification

Trade Name & Synonyms Essix embrace ® plastic	MSDS Code Number Refer to part number
Chemical Name Polyvinyl chloride film	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	%
Vinyl chloride	NA	NA	< 0.1mm
Heat stabilizer	NA	NA	< 2 (wt)
Impact modifier	NA	NA	< 20 (wt)
Lubricants	NA	NA	< 1.5 (wt)
Processing aids	NA	NA	< 2 (wt)
Pigments	NA	NA	< 3 (wt)

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	NA	NA	NA	NA	NA
Skin	NA	N	NA	NA	NA
Inhalation	NA	NA	NA	NA	NA
Ingestion	NA	NA	NA	NA	NA
Other	NA	NA	NA	NA	NA
Medical Conditions Aggravated by Exposure Not known.					
Carcinogenicity (IARC, NTP) NA					
Potential Environmental Effects NA					

4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	NA	NA	NA
Skin	NA	NA	NA
Inhalation	NA	NA	NA
Ingestion	NA	NA	NA
Other	Give one to two glasses of water to drink. If gastrointestinal symptoms develop, consult physician.	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 Hydrochloric acid will be released (decomposition) under extreme heat conditions.
Flame Propagation or Burning NA	Properties Contributing to Fire Intensity NA	Flammability Classification Health-, Flammability-, Reactivity-NA	
Extinguishing Media Use water, foam or dry chemical.		Extinguishing Media to Avoid NA	
Protection and Procedures for Firefighters Fire fighters should be equipped with self-contained breathing apparatus and turn out gear.			
Unusual Fire and Explosion Hazards NA			

6. Accidental Release Measures

Containment Techniques Release material should be contained and placed into a suitable receptacle.
Spill/Leak Clean-Up Procedures and Equipment NA
Evacuation Procedures NA
Special Instructions NA
Reporting Requirements NA

7. Handling and Storage

Handling Practices and Warnings Precautionary handling: Material will degrade under extreme heat conditions.
Storage Practices and Warnings Other handling and storage: None necessary.

8. Exposure Control/Personal Protection

Ventilation Necessary during heating of material.	Other Engineering Controls NA	
Routes of Entry:	Personal Protective Equipment (PPE) for Normal Use:	PPE for Emergencies:
Eye/Face	Only necessary during crushing and cutting film.	NA
Skin	Protective gloves: Only necessary when cutting material by hand.	NA
Inhalation	Respiratory protection: Not necessary for routine handling.	NA
General Hygiene Considerations and Work Practices NA		
Protective Measures During Repair and Maintenance of Contaminated Equipment NA		
Other Protective Measures and Equipment Special protection: Not required.		



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9. Physical and Chemical Characteristics

Appearance Clear or opaque		Odor No significant odor.
Normal Physical State: <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input checked="" type="checkbox"/> Solid <input type="checkbox"/> _____ (Other)		Boiling Point °C / °F <i>N/A</i> Melting Point °C / °F <i>NA</i> Freezing Point °C / °F <i>N/A</i>
Specific Gravity or Density (H₂O=1) 1.32 – 1.45	Solubility in Water Insoluble	pH NA
Vapor Pressure (mm Hg @ 20°C) N/A	Vapor Density (AIR= 1) N/A	Evaporation Rate (Butyl Acetate = 1) N/A
Other Percent volatile: N/A		

10. Stability and Reactivity Data

Incompatibility (Materials to Avoid) None.	
Hazardous Products Produced During Decomposition Hydrochloric gases will be released (decomposition) under extreme heat conditions Chemical resistance: Films are resistant to most of the chemicals..	
Hazardous Polymerization? <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> May Not Occur	Conditions to Avoid °C / °F <i>NA</i>
Stability? <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions to Avoid °C / °F <i>NA</i>

11. Toxicological Information

Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic or Reproductive Effects, or Structure Activity Data NA
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12. Ecological Information

Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements NA

13. Disposal Considerations

Regulations Hazardous waste disposal method: Recommend crushing and recycle.
Properties (Physical/Chemical) Affecting Disposal NA

14. Transport Information

Regulated for shipping? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Proper Shipping Name Essix embrace® plastic	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 NA	Identification Number NA
Other NA		



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15. Regulatory Information

Federal Regulations

NA

International Regulations

NA

Other

NA

16. Other Information

Supplier Number: 40/25

Supplier Release: April 3, 2006

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