



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
25-991-25, 25-991-55

Product Name: Essix Blue Heavy Tray Pkg. 12

Release Date: April 9, 2007

1. Product and Company Identification

Trade Name & Synonyms Blue Tray Material	MSDS Code Number Refer to part number
Chemical Name 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	%
NA	NA	NA	NA

3. Hazard Identification

Emergency Overview					
Routes of Exposure	Signs and Symptoms	Single, Repeated, or Lifetime Exposure	Severity (Mild, Moderate, Severe)	Acute and Chronic Health Effect(s)	Target Organ(s)
NA					
Eye	May cause mechanical irritation.	NA	NA	NA	NA
Skin	None known.	NA	NA	NA	NA
Inhalation	Dust may cause mechanical irritation. Under normal industrial use there is no exposure to dust or vapor above health hazard limits.	NA	NA	NA	NA
Ingestion	Biologically inert. Extremely unlikely route of entry. Systemic and other effects: None.	NA	NA	NA	NA
Other	Safety precautions: use positive ventilation where necessary. Do not smoke or eat in process areas. Exposure limits: None established for polystyrene. Normal handling would involve minimal exposure only. General: Normal handling with general ventilation would not expose operating personnel to safety and health hazards.	PEL (OSHA): Non ppm 8-hour TWA. TLV (ACGIH): 10 mg/m3 for nuisance dust, 5 mg/m3 for respirable dust. PEL (OSHA): 5mg/ m3 for cadmium compounds. Cadmium compounds can cause lung and liver damage. Toxicity data: Oral: None Dermal: None	NA	NA	NA
Medical Conditions Aggravated by Exposure Unknown.					
Carcinogenicity (IARC, NTP) None					
Potential Environmental Effects NA					



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4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	Irrigate with water to wash out any particles.	NA	NA
Skin	Wash contact area with soap and water.	NA	NA
Inhalation	Not expected to be a problem.	NA	NA
Ingestion	NA	Notify medical personnel	NA
Other	NA	NA	NA
Note to Physicians (Treatment, Testing, and Monitoring) NA			

5. Fire and Explosion Data

Flashpoint & Method: °C / °F N/A	Flammable (Explosive) Limits in Air LEL: N/A UEL: N/A	Autoignition Temperature N/A	Other NA
Flame Propagation or Burning NA	Properties Contributing to Fire Intensity NA	Flammability Classification Health-, Flammability-, Reactivity- NA	
Extinguishing Media Water fog, carbon dioxide and dry chemical.		Extinguishing Media to Avoid NA	
Protection and Procedures for Firefighters Use approved self-contained breathing apparatus respirator and approved personal protective clothing.			
Unusual Fire and Explosion Hazards Fire gives off dense black smoke, carbon monoxide, and carbon dioxide.			

6. Accidental Release Measures

Containment Techniques NA
Spill/Leak Clean-Up Procedures and Equipment Stop leak, contain spill, obstruct exit to sewers, waterways and sources of ignition. Collect into containers. Reportable quantity: None (not required)
Evacuation Procedures NA
Special Instructions NA
Reporting Requirements NA

7. Handling and Storage

Handling Practices and Warnings NA
Storage Practices and Warnings (°C / °F). NA



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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	ANSI approved glasses with side shields. Goggles would be required by heavy dusting.	NA	
Skin	None under normal conditions but use gloves if deemed necessary.	NA	
Inhalation	Not required under normal operating conditions. Under atypical conditions approved respirators should be used.	NA	
General Hygiene Considerations and Work Practices Use adequate ventilation and provide electrostatic bonding and grounding of equipment to prevent dust explosion.			
Protective Measures During Repair and Maintenance of Contaminated Equipment NA			
Other Protective Measures and Equipment NA			

9. Physical and Chemical Characteristics

Appearance Solid. Appearance: Clear or colored.		Odor None	
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 Point °C / Softens at 175 to 225 °F Freezing Point °C / °F N/A	
Specific Gravity or Density (H₂O=1) 1.04-1.05	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) NA	
Other Percent volatile: N/A			

10. Stability and Reactivity Data

Incompatibility (Materials to Avoid) Avoid processing of material over 300°C	
Hazardous Products Produced During Decomposition Carbon monoxide, carbon dioxide, carbon, water.	
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 NA
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12. Ecological Information

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

Sewer / waterway obstruction. Fish may eat pellets and obstruct their digestive tracts.

13. Disposal Considerations

Regulations

Recycle, incinerate, or landfill per local and state regulations.

Properties (Physical/Chemical) Affecting Disposal

NA

14. Transport Information

Regulated for shipping?

Yes No NA

Proper Shipping Name

Essix Blue Tray Material

Packing Group

NA

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

Yes No NA

Hazard Class

Not a D.O.T
"Hazardous
Material".

Identification Number

NA

Other

NA

15. Regulatory Information

Federal Regulations

SARA TITLE III: The hazardous components are subject to the reporting requirements of sec.313 of the emergency planning and community right-to-know act of 1986 and 40 CFR 372.

International Regulations

NA

Other

NA

16. Other Information

Supplier Number: 40/25

Supplier Release: NA

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