



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
25-705-00(25-701-20/25)

Product Name: Essix 1/2 MM Bltray

Release Date: April 18, 2007

1. Product and Company Identification

Trade Name & Synonyms Mobile polyethylene (LDPE)	MSDS Code Number Refer to part number
Chemical Name Polyethylene (low density)	Manufacture / Distributor GAC International Inc.
C.A.S. Number 2002-82-4	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) Intrusion and molding resin	Emergency Telephone Number 1-631-419-1700

2. Composition of Ingredients

Hazardous Components	C.A.S. Number	Exposure Limits	%
Polyethylene	2002-82-4	NA	100.00

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	Pellets and fines, if any, may cause abrasive injury and irritation to eyes.	NA	NA	NA	NA
Skin	NA	NA	NA	NA	NA
Inhalation	Inhalation of fines, if any, can cause irritation or nose and throat.	NA	NA	NA	NA
Ingestion	NA	NA	NA	NA	NA
Other	Threshold limit value: 10.00 mg/m3 suggested for nuisance dusts.	NA	NA	NA	NA
Medical Conditions Aggravated by Exposure NA					
Carcinogenicity (IARC, NTP) NA					
Potential Environmental Effects NA					

4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	Flush with water.	NA	NA
Skin	If burned by contact with hot material, cool molten material adhering to skin as quickly as possible with water. Wash contact areas with soap and water.	See a physician for removal of adhering material and treatment or burn.	NA
Inhalation	Not expected to be a problem.	NA	NA
Ingestion	Not expected to be a problem when ingested.	If uncomfortable seek medical assistance.	NA
Other	NA	NA	NA
Note to Physicians (Treatment, Testing, and Monitoring) NA			



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
25-705-00(25-701-20/25)

Product Name: Essix 1/2 MM Bltray

Release Date: April 18, 2007

5. Fire and Explosion Data

Flashpoint & Method: °C / °F NA(IP 170/70)	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-0, Reactivity-0.	
Extinguishing Media Carbon dioxide, foam, dry chemical and water fog.		Extinguishing Media to Avoid NA	
Protection and Procedures for Firefighters Use water to keep fire exposed containers cool. Water spray may be used to flush spills away from exposure. For fires in enclosed areas, firefighters must use self-contained breathing apparatus. Prevent runoff from fire control or dilution from entering streams or drinking water supply.			
Unusual Fire and Explosion Hazards High dust levels may create potential for explosion. Exposure to fire can generate highly toxic fumes.			

6. Accidental Release Measures

Containment Techniques NA
Spill/Leak Clean-Up Procedures and Equipment Shovel up and dispose as normal refuse.
Evacuation Procedures NA
Special Instructions NA
Reporting Requirements Environmental Impact: Report spills as required to appropriate authorities. U.S. coast guard regulations require immediate reporting of spills that could reach waterway including intermittent dry creeks. Report spill to coast guard toll free number (800) 424-8802. In case of accident or road spill notify CHEMTREC (800) 424-9300.

7. Handling and Storage

Handling Practices and Warnings NA
Storage Practices and Warnings (°C / °F). Store in a cool area. Must be labeled as: see appendix for precautionary label: MINHAZ

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	Normal industrial eye protection practices should be employed.	NA
Skin	Gloves as required to handle hot materials.	NA
Inhalation	Approved dust respirators must be used for dusty conditions or if dust levels exceed established standards. No special requirements under ordinary conditions of use and with adequate ventilation.	NA
General Hygiene Considerations and Work Practices NA		
Protective Measures During Repair and Maintenance of Contaminated Equipment NA		
Other Protective Measures and Equipment NA		



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
25-705-00(25-701-20/25)

Product Name: Essix 1/2 MM Bltray

Release Date: April 18, 2007

9. Physical and Chemical Characteristics

Appearance Translucent pellets		Odor Mild
Normal Physical State: <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> Solid <input type="checkbox"/> NA (Other)		Boiling Point °C / °F <u>NA</u> Melting Point <u>110 °C / 230 °F</u> Freezing Point °C / °F <u>NA</u>
Specific Gravity or Density (H₂O=1)	Solubility in Water Negligible	pH NA
Vapor Pressure (mm Hg @ 20°C) N/A	Vapor Density (AIR= 1) NA	Evaporation Rate (Butyl Acetate = 1) NA
Other Viscosity: at 100F, SUS: NA at 40C, CS: NA at 210F, SUS: NA at 100C, CS: NA. Pour point F (C): N/A. Relative density, 15/4C: 1.33		

10. Stability and Reactivity Data

Incompatibility (Materials to Avoid) Strong oxidizers.	
Hazardous Products Produced During Decomposition Carbon monoxide, aldehydes, acetic acid.	
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 Extreme heat

11. Toxicological Information

Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic or Reproductive Effects, or Structure Activity Data ** Acute Toxicology**	
Oral toxicity (Rats):	Nontoxic (estimated) ** Based on testing of similar products and / or the components.
Dermal toxicity (Rabbits):	Nontoxic (estimated) ** Based on testing of similar products and / or the components.
Inhalation toxicity (Rats):	Nontoxic (estimated) ** Based on testing of similar products and / or the components.
Eye irritation (Rabbits):	Expected to be non-irritating. ** Based on testing of similar products and / or the components.
Skin irritation (Rabbits):	Expected to be non-irritating. ** Based on testing of similar products and / or the components.

12. Ecological Information

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



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
25-705-00(25-701-20/25)

Product Name: Essix 1/2 MM Bltray

Release Date: April 18, 2007

13. Disposal Considerations

Regulations

Waste management: Product is suitable for burning in an enclosed, controlled burner for fuel value or disposal by supervised incineration. Such burning may be limited pursuant to the resource conservation and recovery act. Use of these methods is subject to user compliance with applicable laws and regulations and consideration of product characteristics at time of disposal.

Properties (Physical/Chemical) Affecting Disposal

NA

14. Transport Information

Regulated for shipping?

Yes No NA

Proper Shipping Name

N/A

Packing Group

NA

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

Yes No NA

Hazard Class

N/A

Identification Number

NA

Other

Precautionary label text: Good personal hygiene and safe work practices should always be followed when handling this product. For industrial use. Not intended for use in or around a household or dwelling. This product was assessed in accordance with OSHA standard 29 CFR 1910.1200 and was determined not to be hazardous. Minhaz(4/86).

15. Regulatory Information

Federal Regulations

Governmental Inventory Status: All components registered in accordance with TSCA.

DOT: Shipping name: Not applicable.

Hazard class: Not applicable.

US OSHA Hazard communication standard: Product assessed in accordance with OSHA 29 CFR 191.1200 and determined not to be hazardous.

RCRA Information: The unused product, in our opinion, is not specifically listed by the EPA as a hazardous waste (40CFR, part 261D); does not exhibit the hazardous characteristics of ignitability, corrosivity, or reactivity, and is not formulated with the contaminants listed in the toxicity characteristic (TC) Rule as determined by the toxicity characteristic leaching procedure (TCLP). However, used product may be regulated.

U.S. Superfund amendments and reauthorization act (SARA) title III: This product contains no "Extremely hazardous substances".

SARA (302) reportable hazard categories: None. This procedure contains no chemical reportable under SARA (313) toxic release program.

The following product ingredients are cited on the lists below:

Chemical name CAS number List citation

** No reportable ingredients.

** Key to list citations**

1=OSHA Z 2=ACGIH 3=IARC 4=NTP 5=NCI

6= EPA CARC 7= NFPA 49 8= NFPA 325 M

9= DOT HMT 10= CA RTK 11= IL RTK 12= MA RTK 13= MN RTK 14= NJ RTK 15= MI 293 16= FL RTK 17= PA RTK 18= CA P65

NTP, IARC, and OSHA include carcinogenic listings

International Regulations

NA

Other

NA

16. Other Information

Supplier Number: 25/25

Supplier Release: NA

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