



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
 25-025-35,25-420-41,25-450-45,25-325-30,25-020-35,25-050-35,25-478-40,25-425-40,25-320-31,25-350-35,25-347-30,25-347-35

Product Name: Ace Plastic

Release Date: December 14, 2005

1. Product and Company Identification

Trade Name & Synonyms Ace Plastic	MSDS Code Number Refer to part number
Chemical Name NA	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) Plastic	Emergency Telephone Number 1-631-419-1700

2. Composition of Ingredients

Hazardous Components	C.A.S. Number	Exposure Limits	%
Trade Secret	Proprietary	NA	5
Copolyester	Proprietary	NA	95

3. Hazard Identification

Emergency Overview Molten material will produce thermal burns.					
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	NA	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 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	If molten material contacts the eye, immediately flush with plenty of water for at least 15 minutes. If easy to do remove contact lenses.	Get medical attention immediately.	NA
Skin	If burned by contact with molten material, cool as quickly as possible. Do not peel material from skin.	Get medical attention.	NA
Inhalation	If symptomatic, move to fresh air.	Get medical attention if symptoms persist.	NA
Ingestion	Material is not expected to be absorbed from the gastrointestinal tract so that induction of vomiting should not be necessary.	NA	NA
Other	NA	NA	NA



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Note to Physicians (Treatment, Testing, and Monitoring)
 Burns should be treated as thermal burns. The material will come off as healing occurs; therefore, immediate removal from the skin is not necessary.

5. Fire and Explosion Data

Flashpoint & Method: °C / °F N/A; combustible solid	Flammable (Explosive) Limits in Air LEL: NA UEL: NA	Autoignition Temperature NA	Other NA
Flame Propagation or Burning NA	Properties Contributing to Fire Intensity NA	Flammability Classification Health- ,1Flammability-1, Reactivity-0	
Extinguishing Media Water spray, dry chemical		Extinguishing Media to Avoid NA	
Protection and Procedures for Firefighters Wear self- contained breathing apparatus and protective clothing.			
Unusual Fire and Explosion Hazards Powdered material may form explosive dust- air mixtures. Hazardous combustion products: Carbon dioxide, carbon monoxide			

6. Accidental Release Measures

Containment Techniques NA
Spill/Leak Clean-Up Procedures and Equipment Sweep or scoop up and remove.
Evacuation Procedures NA
Special Instructions NA
Reporting Requirements NA

7. Handling and Storage

Handling Practices and Warnings Personal Precautionary Measures: Avoid contact with molten material. Prevention of Fire and Explosion: Keep from contact with oxidizing materials. Minimize dust generation and accumulation. In the United States of America refer to NFPA R Pamphlet No. 654, "Prevention of Fire and Dust Explosions in the Chemical, Dye, Pharmaceutical and Plastics Industries".
Storage Practices and Warnings (°C / °F). Keep container closed.

8. Exposure Control/Personal Protection

Ventilation Good general ventilation (typically 10 air changes per hour) should be used.	Other Engineering Controls Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed system, spaces mechanical generation of dusts, heating, drying etc.	
Routes of Entry:	Personal Protective Equipment (PPE) for Normal Use:	PPE for Emergencies:
Eye/Face	Wear a face shield when working with molten material.	NA
Skin	When material is heated, wear gloves to protect against thermal burns.	NA



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Inhalation	If engineering controls do not maintain airborne concentrations to an acceptable level, an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA Standard 63 FR 1152, January 8, 1998. Respirator type: Dust, organic vapor.	NA
General Hygiene Considerations and Work Practices Recommended Decontamination Facilities: Eye bath, washing facilities.		
Protective Measures During Repair and Maintenance of Contaminated Equipment NA		
Other Protective Measures and Equipment NA		

9. Physical and Chemical Characteristics

Appearance Solid (pellet). Color: Varies with formulation		Odor Odorless
Normal Physical State: <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input checked="" type="checkbox"/> Solid <input type="checkbox"/> ____ (Other)		Boiling Point °C / °F NA Melting Point °C / °F NA Freezing Point °C / °F NA
Specific Gravity or Density (H₂O=1) >1	Solubility in Water Negligible	pH NA
Vapor Pressure (mm Hg @ 20°C) NA	Vapor Density (AIR= 1) NA	Evaporation Rate (Butyl Acetate = 1) NA
Other Thermal Decomposition Temperature: Thermal stability not tested. Low stability hazard expected at normal operating temperatures. Softening point: Varies with formulation.		

10. Stability and Reactivity Data

Incompatibility (Materials to Avoid) Material reacts with strong oxidizing agents.		
Hazardous Products Produced During Decomposition NA		
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
Acute toxicity data if available are listed below. Additional toxicity data may be available on request.



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12. Ecological Information

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

Acute toxicity data if available are listed below. Additional toxicity data may be available on request. This material has not been tested for environmental effects.

13. Disposal Considerations

Regulations

Discharge, treatment, or disposal may be subject to national, state, or local laws. Incinerate.

Properties (Physical/Chemical) Affecting Disposal

NA

14. Transport Information

Regulated for shipping?

Yes No

Proper Shipping Name

Ace Plastic

Packing Group

None

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

Yes No

Hazard Class

None

Identification Number

None

Other

DOT (USA): Class not regulated. ICAO Status: Class not regulated. IMDG Status: Class not regulated

15. Regulatory Information

Federal Regulations

WHMIS (Canada) Status: noncontrolled.

SARA 313: None, unless listed below.

International Regulations

NA

Other

Carcinogenicity Classification (components present at 0.1% or more): none, unless listed below.

TSCA (US Toxic Substances Control Act): This product is listed on the TSCA inventory. Any impurities present in this product are exempt from listing.

DSL (Canadian Domestic Substances List) and CEPA (Canadian Environmental Protection Act): This product is listed on the DSL. Any impurities present in this product are exempt from listing.

EINECS (European Inventory of Existing Commercial Chemical Substances): This product is listed on the EINECS. Any polymer present in this has regulatory clearance under Directives of European Union.

AICIS/NICNAS (Australian Inventory of Chemical Substances and National Industrial Chemicals Notification and ASSESSMENT Scheme): This product is listed on AICS or otherwise complies with NICNAS

MITI (Japanese Handbook of Existing and New Chemical Substances): This product is listed in the Handbook or has been approved in Japan by new substance notification.

ECL (Korean Toxic Substances Control Act): This product is listed on the Korean inventory or otherwise complies with the Korean Toxic Substances Control Act.



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16. Other Information

Supplier Number: 40/25

Supplier Release: December 8, 2005

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