



# MATERIAL SAFETY DATA SHEET

Form W104-11A Rev. 1

Product Name: Ace Plastic

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

Release Date: December 14, 2005

## 1. Product and Company Identification

<b>Trade Name &amp; Synonyms</b> Ace Plastic	<b>MSDS Code Number</b> Refer to part number
<b>Chemical Name</b> NA	<b>Manufacture / Distributor</b> GAC International Inc.
<b>C.A.S. Number</b> NA	<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> Plastic	<b>Emergency Telephone Number</b> 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

<b>Emergency Overview</b> 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
<b>Medical Conditions Aggravated by Exposure</b> NA					
<b>Carcinogenicity (IARC, NTP)</b> NA					
<b>Potential Environmental Effects</b> 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

<b>Flashpoint &amp; Method:</b> °C / °F N/A; combustible solid	<b>Flammable (Explosive) Limits in Air</b> LEL: NA UEL: NA	<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- ,IFlammability-1, Reactivity-0	
<b>Extinguishing Media</b> Water spray, dry chemical		<b>Extinguishing Media to Avoid</b> NA	
<b>Protection and Procedures for Firefighters</b> Wear self-contained breathing apparatus and protective clothing.			
<b>Unusual Fire and Explosion Hazards</b> Powdered material may form explosive dust-air mixtures. Hazardous combustion products: Carbon dioxide, carbon monoxide			

## 6. Accidental Release Measures

<b>Containment Techniques</b> NA
<b>Spill/Leak Clean-Up Procedures and Equipment</b> Sweep or scoop up and remove.
<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> 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".
<b>Storage Practices and Warnings</b> (°C / °F). Keep container closed.

## 8. Exposure Control/Personal Protection

<b>Ventilation</b> Good general ventilation (typically 10 air changes per hour) should be used.	<b>Other Engineering Controls</b> Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed system, spaces mechanical generation of dusts, heating, drying etc.	
<b>Routes of Entry:</b>	<b>Personal Protective Equipment (PPE) for Normal Use:</b>	<b>PPE for Emergencies:</b>
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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<b>Inhalation</b>	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
<b>General Hygiene Considerations and Work Practices</b> Recommended Decontamination Facilities: Eye bath, washing facilities.		
<b>Protective Measures During Repair and Maintenance of Contaminated Equipment</b> NA		
<b>Other Protective Measures and Equipment</b> NA		

## 9. Physical and Chemical Characteristics

<b>Appearance</b> Solid (pellet). Color: Varies with formulation		<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 NA <b>Melting Point</b> °C / °F NA <b>Freezing Point</b> °C / °F NA
<b>Specific Gravity or Density (H<sub>2</sub>O=1)</b> >1	<b>Solubility in Water</b> Negligible	<b>pH</b> NA
<b>Vapor Pressure (mm Hg @ 20°C)</b> NA	<b>Vapor Density (AIR= 1)</b> NA	<b>Evaporation Rate (Butyl Acetate = 1)</b> NA
<b>Other</b> 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

<b>Incompatibility (Materials to Avoid)</b> Material reacts with strong oxidizing agents.	
<b>Hazardous Products Produced During Decomposition</b> NA	
<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

**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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40,25-320-31,25-350-35,25-  
347-30,25-347-35

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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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Proper Shipping Name Ace Plastic	Packing Group None
Do changes in quantity, packaging, or shipment method change product classification? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.