



# MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):  
52-700-00

Product Name: Ideal 1 Adhesive System

Release Date: March 13, 2007

## 1. Product and Company Identification

<b>Trade Name &amp; Synonyms</b> Ideal 1 Adhesion systems, primer	<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> NA	<b>Emergency Telephone Number</b> 1-631-419-1700

## 2. Composition of Ingredients

Hazardous Components	C.A.S. Number	Exposure Limits	%
2-Hydroxyethylmethacrylate (HEMA)	NA	NA	10.0
Polymerization accelerator	NA	NA	15.0

## 3. Hazard Identification

<b>Emergency Overview</b> 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)
<b>Eye</b> Yes	May cause eye irritation in high concentrations	NA	NA	Acute: May cause eye irritation in high concentrations. Chronic: Material is not known to cause significant health problems.	NA
<b>Skin</b> Yes	Prolonged skin exposure can cause dryness.	NA	NA	Acute: May cause skin irritation in high concentrations. Chronic: Material is not known to cause significant health problems.	NA
<b>Inhalation</b> Yes	May cause respiratory irritation in high concentrations.	NA	NA	Acute: May cause respiratory irritation in high concentrations. Chronic: Material is not known to cause significant health problems.	NA
<b>Ingestion</b>	NA	NA	NA	NA	NA
<b>Other</b>	NA	NA	NA	NA	NA
<b>Medical Conditions Aggravated by Exposure</b> NA					
<b>Carcinogenicity (IARC, NTP)</b> NTP-no, OSHA-no, IARC-no.					
<b>Potential Environmental Effects</b> NA					

## 4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
<b>Eye</b>	In case of eye contact, flush with large quantities of water for 15 minutes.	NA	NA
<b>Skin</b>	In case of skin contact, flush with large quantities of water for 15 minutes.	NA	NA
<b>Inhalation</b>	If irritation occurs, take victim to open air.	NA	NA
<b>Ingestion</b>	NA	NA	NA
<b>Other</b>	NA	NA	NA
<b>Note to Physicians (Treatment, Testing, and Monitoring)</b> NA			



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## 5. Fire and Explosion Data

<b>Flashpoint &amp; Method:</b> >150 °C (open cup)	<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-1, Flammability- 2 Reactivity-1 Special hazard: None	
<b>Extinguishing Media</b> Water spray, dry chemical.		<b>Extinguishing Media to Avoid</b>	
<b>Protection and Procedures for Firefighters</b> NA			
<b>Unusual Fire and Explosion Hazards</b> None.			

## 6. Accidental Release Measures

<b>Containment Techniques</b> NA
<b>Spill/Leak Clean-Up Procedures and Equipment</b> Clean spill area with detergent and water.
<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> No special measures necessary if handled according to instructions.
<b>Storage Practices and Warnings</b> (°C / °F). Keep container tightly closed when not in use.

## 8. Exposure Control/Personal Protection

<b>Ventilation</b> NA	<b>Other Engineering Controls</b> NA	
<b>Routes of Entry:</b>	<b>Personal Protective Equipment (PPE) for Normal Use:</b>	<b>PPE for Emergencies:</b>
<b>Eye/Face</b>	NA	NA
<b>Skin</b>	Avoid unnecessary skin contact.	NA
<b>Inhalation</b>	Avoid inhalation of vapors. No special protection under normal use.	NA
<b>General Hygiene Considerations and Work Practices</b> NA		
<b>Protective Measures During Repair and Maintenance of Contaminated Equipment</b> NA		
<b>Other Protective Measures and Equipment</b> NA		



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## 9. Physical and Chemical Characteristics

<b>Appearance</b> Transparent liquid.		<b>Odor</b> Weak, ester like odor.
<b>Normal Physical State:</b> <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> Solid <input type="checkbox"/> _____ (Other)		<b>Boiling Point</b> -70 °C / °F <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> NA	<b>Solubility in Water</b> soluble	<b>pH</b> NA
<b>Vapor Pressure (mm Hg @ 20°C)</b> NA	<b>Vapor Density (AIR= 1)</b> <1	<b>Evaporation Rate (Butyl Acetate = 1)</b> <1 (water=1)
<b>Other</b> NA		

## 10. Stability and Reactivity Data

<b>Incompatibility (Materials to Avoid)</b> Reducing agents.		
<b>Hazardous Products Produced During Decomposition</b> Hazardous reactions: None if handled according to directions.		
<b>Hazardous Polymerization?</b> <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> May Not Occur	<b>Conditions to Avoid</b> °C / °F Heat	
<b>Stability?</b> <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	<b>Conditions to Avoid</b> °C / °F NA	

## 11. Toxicological Information

<b>Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic or Reproductive Effects, or Structure Activity Data</b> <b>Irritation of skin:</b> Dryness and irritation possible upon prolonged exposure. <b>Allergic effects:</b> Methacrylate sensitive individuals may exhibit an allergic reaction.
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## 12. Ecological Information

<b>Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements</b> <b>Environmental persistence and degradability:</b> No data available. <b>Ecotoxicity:</b> No data available.
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## 13. Disposal Considerations

<b>Regulations</b> Waste disposal method: Do not discharge into sewers or water supplies. May disposed of in landfill or incinerator in accordance with local, state and federal regulations.
<b>Properties (Physical/Chemical) Affecting Disposal</b> NA



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## 14. Transport Information

<b>Regulated for shipping?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<b>Proper Shipping Name</b> U.S. DOT Shipping name: Not regulated	<b>Packing Group</b> NA
<b>Do changes in quantity, packaging, or shipment method change product classification?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No NA		<b>Hazard Class</b> None. U.N./N.A	<b>Identification Number</b> None
<b>Other</b> Not considered hazardous cargo.			

## 15. Regulatory Information

<b>Federal Regulations</b> U.S.-O.S.H.A Status: This material is not hazardous under the criteria of the U.S. federal hazard communication standard.
<b>International Regulations</b> NA
<b>Other</b> Material should be maintained in original containers. Empty containers should not be re-used.

## 16. Other Information

<b>Supplier Number:</b> 168/52 <b>Supplier Release:</b> NA
N/A = not applicable. NA = not available, N/E = not established. N/D = not determined.