



# MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):  
52-700-11

Product Name: Ideal 1 Primer System

Release Date: March 13, 2007

## 1. Product and Company Identification

<b>Trade Name &amp; Synonyms</b> Ideal 1	<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	%
Primer (hydrophilic liquid composition) - 2-hydroxyethylmethacrylate (HEMA); - Ethyl alcohol; - Water; - Polymerization. Hazardous ingredients: None	NA	NA	NA
Adhesive (hydrophobic composite) - 2 (Hydroxethylethacrylate (HEMA); - Triethyleneglycoldimethacrylate (TEGDMA); - Urethaneacrylate oligomer; - N,N-Diethanol-p-toluidine; - Crosslinking pentaacrylate monomer; - Silanated glass filler (average diameter of particle-6μ)	NA	NA	NA

## 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)
Eye	NA	NA	NA	Acute: May cause eye irritation in high concentrations.	NA
Skin	NA	NA	NA	Acute: May cause skin irritation in high concentrations.	NA
Inhalation	NA	NA	NA	Acute: May cause respiratory irritation in high concentrations.	NA
Ingestion	NA	NA	NA	NA	NA
Other	NA	NA	NA	NA	NA
<b>Medical Conditions Aggravated by Exposure</b> Effect of overexposure (skin): May cause irritation.					
<b>Carcinogenicity (IARC, NTP)</b> NA					
<b>Potential Environmental Effects</b> NA					



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## 4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	Flush promptly with large amounts of water for 15 minutes.	Get medical attention.	NA
Skin	Wash with soap and water.	If irritation persists, get medical attention.	NA
Inhalation	NA	NA	NA
Ingestion	NA	NA	NA
Other	NA	NA	NA
<b>Note to Physicians (Treatment, Testing, and Monitoring)</b> NA			

## 5. Fire and Explosion Data

Flashpoint & Method: °C / ≥240°F	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-1, Flammability-2, Reactivity-1 ANSI/NFPA 704 data.	
Extinguishing Media Foam, carbon dioxide or dry chemical.		Extinguishing Media to Avoid	
Protection and Procedures for Firefighters NA			
Unusual Fire and Explosion Hazards None			

## 6. Accidental Release Measures

Containment Techniques NA
Spill/Leak Clean-Up Procedures and Equipment NA
Evacuation Procedures NA
Special Instructions NA
Reporting Requirements NA

## 7. Handling and Storage

Handling Practices and Warnings NA
Storage Practices and Warnings Away from light, open flames, contamination and prolonged storage above 35°C. (100°F)



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## 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>	Wear safety goggles or safety glasses with side shields when handling.	NA	
<b>Skin</b>	No special protection under normal use. Avoid unnecessary skin contact. Wear latex gloves when handling.	NA	
<b>Inhalation</b>	NA	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> Remove spilled material from skin and clothing. Do not eat or drink when handling this material.			

## 9. Physical and Chemical Characteristics

<b>Appearance</b> NA		<b>Odor</b> NA	
<b>Normal Physical State:</b> <input type="checkbox"/> Liquid <input type="checkbox"/> Gas  <input type="checkbox"/> Solid <input type="checkbox"/> NA (Other)		<b>Boiling Point</b> °C / °F NA	<b>Melting Point</b> °C / °F NA
<b>Specific Gravity or Density (H<sub>2</sub>O=1)</b> NA		<b>Solubility in Water</b> NA	<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> NA			

## 10. Stability and Reactivity Data

<b>Incompatibility (Materials to Avoid)</b> NA	
<b>Hazardous Products Produced During Decomposition</b> Carbon monoxide and dioxide, low molecular weight hydrocarbons and organic acids. Hazardous polymerization will occur when stored under light or prolonged storage above 35°C.	
<b>Hazardous Polymerization?</b> <input type="checkbox"/> May Occur <input type="checkbox"/> May Not Occur NA	<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

<b>Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic or Reproductive Effects, or Structure Activity Data</b> Acute oral toxicity: L D50 (rat) > 5000 mg/kg. Irritation of skin: Dryness and irritation possible upon prolonged exposure. Allergic effects: Methacrylate sensitive individuals may exhibit an allergic reaction.
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## 12. Ecological Information

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

Waste disposal method: Do not discharge into sewers or water supplies.

Environmental persistence and degradability: No data available.

## 13. Disposal Considerations

Regulations

May be disposed of in landfill or incinerator in accordance with local, state and federal regulations.

Properties (Physical/Chemical) Affecting Disposal

NA

## 14. Transport Information

Regulated for shipping?

Yes  No NA

Proper Shipping Name

Ideal 1

Packing Group

NA

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

Yes  No NA

Hazard Class

None

Identification Number

NA

Other

U.S.-O.S.H.A. This material is not hazardous under the criteria of the U.S. federal hazard communication standard.

## 15. Regulatory Information

Federal Regulations

NA

International Regulations

NA

Other

NA

## 16. Other Information

Supplier Number: 168/52

Supplier Release: NA

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