



# MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):  
25-183-00

Product Name: Block out compound

Release Date: April 11, 2006

## 1. Product and Company Identification

<b>Trade Name &amp; Synonyms</b> Block out compound	<b>MSDS Code Number</b> Refer to part number
<b>Chemical Name</b> Silicone rubber. Chemical family: Polysiloxane	<b>Manufacture / Distributor</b> GAC International Inc.
<b>C.A.S. Number</b> 556672	<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	%
Octamethylcyclotetrasiloxane	556672	OSHA PEL 10PPM ACGIH TLV 10PPM	1.202
Silica-amorphous, Fumed	112945-52-5	6MG/M3 3 MG/M3	19.376
Di-Me, Ethoxy-Terminated	70851-25-1	N.D N.D	2.055

## 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	May irritate eyes.	NA	NA	NA	NA
Skin	Irritation is not expected, but may occur in sensitive individuals.	NA	NA	NA	NA
Inhalation	May cause irritation. See note above.	NA	NA	NA	NA
Ingestion	May be harmful if swallowed	NA	NA	NA	NA
Other	This product contains methylpolysiloxanes which can generate formaldehyde at approximately 302°F (150°C) and above in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard. Refer to 29 CFR 1910.1048 for regulations regarding monitoring and control of formaldehyde in the workplace.	NA	NA	NA	NA
<b>Medical Conditions Aggravated by Exposure</b> None known					
<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	In case of contact, flush eyes with plenty of water for at least 15 minutes.	Get medical attention if irritation persists.	NA
Skin	In case of skin contact, wash affected area with soap and water	NA	NA
Inhalation	Not expected.	NA	NA
Ingestion	If swallowed, contact physician.	NA	NA
Other	NA	NA	NA
<b>Note to Physicians (Treatment, Testing, and Monitoring)</b> NA			

## 5. Fire and Explosion Data

<b>Flashpoint &amp; Method:</b> °C / °F N/A	<b>Flammable (Explosive) Limits in Air</b> LEL: N/A UEL: N/A	<b>Autoignition Temperature</b> N/A	<b>Other</b> NA
<b>Flame Propagation or Burning</b> NA	<b>Properties Contributing to Fire Intensity</b> NA	<b>Flammability Classification</b> Health-, Flammability-, Reactivity-NA	
<b>Extinguishing Media</b> All standard fire fighting media.		<b>Extinguishing Media to Avoid</b> NA	
<b>Protection and Procedures for Firefighters</b> Standard fire fighting practices including self contained breathing apparatus to protect against potentially toxic fumes.			
<b>Unusual Fire and Explosion Hazards</b> NA			

## 6. Accidental Release Measures

<b>Containment Techniques</b> NA
<b>Spill/Leak Clean-Up Procedures and Equipment</b> Sweep or scrape up spilled material and place in container for disposal.
<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> Take precautions to avoid breathing vapors released during processing and curing.
<b>Storage Temperature:</b> Store in original containers in a cool, dry location. Store away from food or beverages. Ambient to 50°C (122°F). <b>Shelf life:</b> N/A



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## 8. Exposure Control/Personal Protection

<b>Ventilation</b> Use mechanical ventilation during molding and postcuring. Postcuring in a closed oven may liberate explosive concentrations of gas. Use properly designed equipment		<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>	Safety glasses or goggles are recommended	NA
<b>Skin</b>	Cloth or rubber gloves are recommended. Persons using product should wash their hands and face prior to eating, drinking or using tobacco products.	NA
<b>Inhalation</b>	<b>Respiratory Protection:</b> None known.	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> None known.		

## 9. Physical and Chemical Characteristics

<b>Appearance</b> Soft, natural, solid.	<b>Odor</b> Slight odor.	
<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    N/A <b>Melting Point</b> °C / °F    N/A <b>Freezing Point</b> °C / °F    N/A	
<b>Specific Gravity or Density (H<sub>2</sub>O=1)</b> 1.12	<b>Solubility in Water</b> Insoluble	<b>pH</b> NA
<b>Vapor Pressure (mm Hg @ 20°C)</b> N/A	<b>Vapor Density (AIR= 1)</b> N/A	<b>Evaporation Rate (Butyl Acetate = 1)</b> N/A
<b>Other</b> % Volatiles (by vol): < 10		

## 10. Stability and Reactivity Data

<b>Incompatibility (Materials to Avoid)</b> Keep away from strong oxidizing agents.	
<b>Hazardous Products Produced During Decomposition</b> Carbon monoxide, Carbon dioxide, Formaldehyde, Silicon dioxide	
<b>Hazardous Polymerization?</b> <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> May Not Occur	<b>Conditions to Avoid</b> °C / °F Excessive temperatures
<b>Stability?</b> <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	<b>Conditions to Avoid</b> °C / °F Excessive temperatures

## 11. Toxicological Information

<b>Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic or Reproductive Effects, or Structure Activity Data</b> NA
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## 12. Ecological Information

<b>Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements</b> NA
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## 13. Disposal Considerations

**Regulations**

**Waste Disposal:** Dispose of in accordance with all applicable federal, state and local regulation.

**Properties (Physical/Chemical) Affecting Disposal**

NA

## 14. Transport Information

**Regulated for shipping?**

Yes       No

**Proper Shipping Name**

Block out compound

**Packing Group**

NA

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

Yes       No

**Hazard Class**

NA

**Identification Number**

NA

**Other**

NA

## 15. Regulatory Information

**Federal Regulations**

NA

**International Regulations**

NA

**Other**

NA

## 16. Other Information

**Supplier Number:** 40/25

**Supplier Release:** April 11, 2006

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