



# MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):  
605602,605603

Product Name: JELTRATE PLUS

Release Date: February 23, 2007

## 1. Product and Company Identification

<b>Trade Name &amp; Synonyms</b> Jeltrate® plus™ Antimicrobial impression material	<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	OSHA PEL	ACGIH TLV (mg/m3)	Other limits (mg/m3)	C.A.S. Number	Exposure Limits	%
Amorphous silica-Diatomaceous earth	1.2	10	6	NA	NA	NA
Crystalline silica-Cristobalite	0.05	0.05	0.2	NA	NA	NA
Tetrasodium Pyrophosphate	15	10		NA	NA	NA
Quarternary Ammonium compound				NA	NA	NA
Aspartame				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	May temporarily irritate the eyes.	NA	NA	NA	NA
Skin	NA	NA	NA	NA	NA
Inhalation	Congestion and irritation of the throat, nasal passages and upper respiratory system.	NA	NA	Respirable dust from this product may contain up to 40% free crystalline silica(Cristobalite). As such it represents a risk to the respiratory system. Long term , unprotected exposure to dust levels in excess of the TLV or PEL may cause lung disease. (Silicosis).	NA
Ingestion	Not hazardous when ingested.	NA	NA	NA	NA
Other	NA	NA	NA	NA	NA
<b>Medical Conditions Aggravated by Exposure</b> Pre-existing upper respiratory and lung diseases such as but not limited to bronchitis, emphysema, and asthma.					
<b>Carcinogenicity (IARC, NTP)</b> NTP?: Proposed. IARC Monographs?: Probably (2a) OSHA Regulated?: Yes					
<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 with copious amounts of water for 15 minutes.	NA	NA
Skin No	NA	NA	NA
Inhalation Yes	Drink water to clear throat and blow nose. Remove to fresh air.	NA	NA
Ingestion Yes	NA	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 NA	<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- , Flammability- , Reactivity- NA	
<b>Extinguishing Media</b> NA		<b>Extinguishing Media to Avoid</b>	
<b>Protection and Procedures for Firefighters</b> NA			
<b>Unusual Fire and Explosion Hazards</b> In common with most organic materials, this product should be treated as a combustible dust in the finely divided and suspended state.			

## 6. Accidental Release Measures

<b>Containment Techniques</b> NA
<b>Spill/Leak Clean-Up Procedures and Equipment</b> Sweep up spilled material and place in closed containers 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> Observe normal warehousing procedures.
<b>Storage Practices and Warnings</b> (°C / °F). Store away from foodstuffs and beverages. <b>Other precautions:</b> The avoidance of any air contaminant is always a recommended practice. Adherence to work place ventilation standards is an assurance of general personal health and comfort.



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## 8. Exposure Control/Personal Protection

<b>Ventilation</b> Local exhaust required with mechanical ventilation recommended.		<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	NA
<b>Skin</b>	Rubber gloves.	NA
<b>Inhalation</b>	Recommended NIOSH approved nuisance dust mask.	NA
<b>General Hygiene Considerations and Work Practices</b> Avoid dusting when in use. Observe normal care when working with chemicals.		
<b>Protective Measures During Repair and Maintenance of Contaminated Equipment</b> NA		
<b>Other Protective Measures and Equipment</b> Rubber Apron.		

## 9. Physical and Chemical Characteristics

<b>Appearance</b> Dry fluffy powder. May be colored		<b>Odor</b> Spearmint odor.
<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>Freezing Point</b> °C / °F    NA
<b>Specific Gravity or Density (H<sub>2</sub>O=1)</b> 0.3 g/cm <sup>3</sup>	<b>Solubility in Water</b> Partially	<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> Hydrofluoric acid		
<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    High humidity and prolonged heat over 60°C.
<b>Stability?</b> <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable		<b>Conditions to Avoid</b> °C / °F    High humidity and water contamination will cause material to gel. Prolonged heat greater than 60°C.

## 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 method: Dispose of in accordance with federal, state and local regulations.

### Properties (Physical/Chemical) Affecting Disposal

NA

## 14. Transport Information

### Regulated for shipping?

Yes       No NA

### Proper Shipping Name

Jeltrate Plus

### Packing Group

NA

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

Yes       No NA

### Hazard Class

NA

### Identification Number

NA

### Other

NA

## 15. Regulatory Information

### Federal Regulations

NA

### International Regulations

NA

### Other

NA

## 16. Other Information

Supplier Number: 2/53

Supplier Release: September 20, 1995

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