



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
52-800-16



Product Name: NeoBond Gel Etch

Release Date: May 3, 2005

1. Product and Company Identification

Trade Name & Synonyms NeoBond Gel Etch	MSDS Code Number Refer to part number
Chemical Name NA	Manufacture / Distributor GAC International Inc.
C.A.S. Number NA	Address 355 Knickerbocker Ave. Bohemia, NY USA 11716
Grades or Minor Variant Identities NA	Information Telephone Number 1-631-419-1700
Product Use (for Canada) NA	Emergency Telephone Number 1-631-419-1700

2. Composition of Ingredients

Hazardous Components	C.A.S. Number	Exposure Limits	%
Phosphoric acid	7664-38-2	NA	37.00

3. Hazard Identification

Emergency Overview Corrosive					
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	High concentrations can cause eye irritation.	NA	NA	May cause eye irritation. Material is not known to cause significant health problems.	NA
Skin	Prolonged skin exposure can cause dryness.	NA	NA	NA	NA
Inhalation	High concentrations can cause respiratory irritation.	NA	NA	May cause respiratory irritation. Material is not known to cause significant health problems.	NA
Ingestion	NA	-	-	-	-
Other	NA	-	-	-	-
Medical Conditions Aggravated by Exposure NA					
Carcinogenicity (IARC, NTP) NTP-no, OSHA- no, IARC- no					
Potential Environmental Effects NA					

4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	In case of eye contact, flush with large quantities of water for 15 minutes.	Consult a physician.	NA
Skin	In case of skin contact, wash with soap and water.	NA	NA
Inhalation	If irritation occurs, take victim to open air.	Get medical attention.	NA
Ingestion	In case of ingestion, drink two glasses of water or milk.	Seek medical attention if a substantial amount has been ingested. Do not induce vomiting.	NA
Other	NA	-	-
Note to Physicians (Treatment, Testing, and Monitoring) NA			



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5. Fire and Explosion Data

Flashpoint & Method: °C / °F Non-flammable	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-, Flammability-, Reactivity-NA	
Extinguishing Media Carbon dioxide, foam or dry chemical.		Extinguishing Media to Avoid	
Protection and Procedures for Firefighters NA			
Unusual Fire and Explosion Hazards Upon combustion, irritating gases may form.			

6. Accidental Release Measures

Containment Techniques Avoid ground water contamination.
Spill/Leak Clean-Up Procedures and Equipment Wipe with damp paper towel. Discard properly.
Evacuation Procedures NA
Special Instructions Prevent skin/eye contact.
Reporting Requirements NA

7. Handling and Storage

Handling Practices and Warnings No special measures necessary if handled according to instructions.
Storage Practices and Warnings Keep container tightly closed when not in use. Store at room temperature. Keep material in original packaging. Avoid unnecessary exposure to the product. At high temperatures toxic fumes of phosphoric acid and phosphorus oxides can be generated.

8. Exposure Control/Personal Protection

Ventilation Use only in well ventilated areas.	Other Engineering Controls NA	
Routes of Entry:	Personal Protective Equipment (PPE) for Normal Use:	PPE for Emergencies:
Eye/Face	Use protective eyewear.	NA
Skin	Avoid unnecessary skin contact. Wear latex gloves when handling.	NA
Inhalation	NA	
General Hygiene Considerations and Work Practices Remove spilled material from skin and clothing. Do not eat or drink when handling this material.		
Protective Measures During Repair and Maintenance of Contaminated Equipment NA		
Other Protective Measures and Equipment NA		



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9. Physical and Chemical Characteristics

Appearance Green gel.		Odor Odorless.
Normal Physical State: <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> Solid <input checked="" type="checkbox"/> <u>GEL</u> (Other)		Boiling Point >100 °C / 212 °F Melting Point °C / °F NA Freezing Point °C / °F NA
Specific Gravity or Density (H₂O=1) NA	Solubility in Water Miscible	pH NA
Vapor Pressure (mm Hg @ 20°C) NA	Vapor Density (AIR= 1) NA	Evaporation Rate (Butyl Acetate = 1) NA
Other NA		

10. Stability and Reactivity Data

Incompatibility (Materials to Avoid) Strong caustics, Metals, Sulfides and Sulfites		
Hazardous Products Produced During Decomposition NA		
Hazardous Polymerization? <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> May Not Occur		Conditions to Avoid Do not store above 25°C / 77 °F
Stability? <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable		Conditions to Avoid Heat

11. Toxicological Information

Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic or Reproductive Effects, or Structure Activity Data Acute oral toxicity: LD50 (rat)>5000mg/kg Irritation to eyes: Irritates the eyes. Irritation of skin: May irritate the skin. Allergic Effects: May cause allergic reaction on contact with skin. Other: If swallowed, may cause sore throat and burns of the mouth and throat. Prolonged exposure may cause burns of the respiratory tract; contact with soft tissues may cause burns.
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12. Ecological Information

Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements There is no specific information on the product. Use according to good working practices, avoiding release of the product into environment.
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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 Acidic.



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14. Transport Information

Regulated for shipping? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Proper Shipping Name NeoBond Gel Etch	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 Not considered hazardous cargo.		

15. Regulatory Information

Federal Regulations U.S.-O.S.H.A. Status: This material is not hazardous under the criteria of the U.S. Federal Hazard Communication Standard.
International Regulations NA
Other Material should be maintained in original containers. Empty containers should not be re-used.

16. Other Information

Supplier Number: 168/52 Supplier Release: October 21 st , 2004
N/A = not applicable. NA = not available, N/E = not established. N/D = not determined.

APPROVALS: [Note: this section is removed and not part of the distributed MSDS sheet after approval is received and released for use.]

Signature of Director of Division Compliance / Date

Signature of Product Manager / Date