



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
52-300-00

Product Name: Ideal Plus Liquid

Release Date: March 1, 2006

1. Product and Company Identification

Trade Name & Synonyms Ideal Plus Glass Ionomer Band Cement Liquid	MSDS Code Number Refer to part number
Chemical Name Polyacrylic acid in a proprietary base.	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) Liquid component of dental cement.	Emergency Telephone Number 1-631-419-1700

2. Composition of Ingredients

Hazardous Components	PEL/TLV	C.A.S. Number	Exposure Limits	%
Polyacrylic acid	NE	NA	NA	NA
DOT HAZARD CLASSIFICATION: Not regulated. WHMIS CLASSIFICATION: D-2, Possible irritant. NFPA HMIS RATING: Health: 1 Flammability: 0 Reactivity: 0				

3. Hazard Identification

Emergency Overview 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	Skin contact: May irritate skin, especially if contact is repeated or prolonged. Skin absorption: N/A	N/A	N/A	N/A	N/A
Inhalation	None known.	NA	NA	NA	NA
Ingestion	None expected under normal conditions of use.	NA	NA	NA	NA
Other	Summary of Acute hazards: Minimal health hazard under normal conditions of use. Large quantities/prolonged exposure may present more significant irritation. Summary of chronic hazards: None known for this product.	NA	NA	NA	NA
Medical Conditions Aggravated by Exposure NA					
Carcinogenicity (IARC, NTP) Not known to be a carcinogen. Teratogenicity: None known. Mutagenicity: None known. Reproductive activity: None known.					
Potential Environmental Effects NA					



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4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	Flush eyes with running water for 15+ minutes.	If irritation persists, seek medical attention.	NA
Skin	Wash with soap, water.	If irritation persists, seek medical care.	NA
Inhalation	Though no effect is expected at these concentrations, a person who complains of discomfort after exposure should be moved to fresh air.	If symptoms persist seek medical attention.	NA
Ingestion	Though no effect is expected in the quantity contained in this product, dilute by giving 2 glasses of water.	For large quantities, seek medical advice.	NA
Other	NA		

Note to Physicians (Treatment, Testing, and Monitoring)

NA

5. Fire and Explosion Data

Flashpoint & Method: °C / °F NA	Flammable (Explosive) Limits in Air LEL: NA UEL: NA	Autoignition Temperature NA	Other
Flame Propagation or Burning NA	Properties Contributing to Fire Intensity NA	Flammability Classification Health-, Flammability-, Reactivity-NA	Not a fire or explosion hazard. Hazardous combustion products: Thermal decomposition: Acrylic monomers, oxides of carbon.
Extinguishing Media Any method suitable for extinguishing supporting fire.	Extinguishing Media to Avoid NA		
Protection and Procedures for Firefighters Wear pressure demand, self-contained breathing apparatus and full protective gear. Use water spray to cool fire-exposed containers.			
Unusual Fire and Explosion Hazards None			

6. Accidental Release Measures

Containment Techniques NA
Spill/Leak Clean-Up Procedures and Equipment For small quantities (as in this product): Wear protective gloves and safety glasses. Contain spill and absorb with inert material such as paper towels or cloth. Transfer to covered container for disposal. Wash area of spill with detergent and water. For large quantities: Dike and contain spill with inert material (sand, earth). Transfer liquid and solid to separate containers for disposal. Remove contaminated clothing. Wash exposed skin. Keep spill out of sewers and open bodies of water.
Evacuation Procedures NA
Special Instructions NA
Reporting Requirements NA

7. Handling and Storage

Handling Practices and Warnings NA
Storage Practices and Warnings For small quantities (as in this product): Store tightly closed in original container at room temperature and away from contaminants. Keep from freezing



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8. Exposure Control/Personal Protection

Ventilation Under normal conditions of use of this product, no special ventilation is required. For large quantities, local exhaust and/or general mechanical ventilation are recommended.		Other Engineering Controls NA
Routes of Entry:	Personal Protective Equipment (PPE) for Normal Use:	PPE for Emergencies:
Eye/Face	Safety glasses or splash goggles are recommended when normal conditions of use are anticipated.	NA
Skin	Usual surgical gloves worn by dental staff.	NA
Inhalation	Under normal conditions of use of this product, the surgical mask worn by dental staff is adequate. If dealing with very large quantities in open containers, a mechanical filter respirator is recommended.	NA
General Hygiene Considerations and Work Practices Wash hands after use.		
Protective Measures During Repair and Maintenance of Contaminated Equipment NA		
Other Protective Measures and Equipment Emergency eye wash fountain.		

9. Physical and Chemical Characteristics

Appearance Clear, yellowish viscous liquid		Odor Odor: Characteristic. Odor Threshold: NA
Normal Physical State: <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> Solid <input type="checkbox"/> ____ (Other)		Boiling Point 100 °C / °F Melting Point °C / °F NA Freezing Point °C / °F NA
Specific Gravity or Density (H₂O=1) 1.025	Solubility in Water Dilutable	pH NA
Vapor Pressure (mm Hg @ 20°C) 17	Vapor Density (AIR= 1) > 1	Evaporation Rate (Butyl Acetate = 1) < 1
Other NA		

10. Stability and Reactivity Data

Incompatibility (Materials to Avoid) None	
Hazardous Products Produced During Decomposition Acrylic monomers, oxides of carbon.	
Hazardous Polymerization? <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> May Not Occur	Conditions to Avoid °C / °F None
Stability? <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions to Avoid °C / °F None

11. Toxicological Information

Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic or Reproductive Effects, or Structure Activity Data NA
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12. Ecological Information

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

NA

13. Disposal Considerations

Regulations

Waste disposal method: Follow all government regulations.

Other precautions: Wash hands after use.

Properties (Physical/Chemical) Affecting Disposal

NA

14. Transport Information

Regulated for shipping?

Yes No

Proper Shipping Name

Ideal plus liquid

Packing Group

NA

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

Yes No

Hazard Class

Not regulated

Identification Number

NA

Other

NA

15. Regulatory Information

Federal Regulations

NA

International Regulations

NA

Other

WHMIS CLASSIFICATION: D-2, Possible irritant

NFPA HMIS RATING: Health 1 Flammability: 0 Reactivity: 0

16. Other Information

Supplier Number: 6/52

Supplier Release: January 1, 2005

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