



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
51-300-01

Product Name: Exactabond for plastic powder

Release Date: April 9, 2007

1. Product and Company Identification

Trade Name & Synonyms Suspension Polymer	MSDS Code Number Refer to part number
Chemical Name Acrylic copolymer-exactabond plastic powder. Product identifier: 26F	Manufacture / Distributor GAC International Inc.
C.A.S. Number 9003-42-3	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) Vehicle for denture base	Emergency Telephone Number 1-631-419-1700

2. Composition of Ingredients

Hazardous Components	C.A.S. Number	Exposure Limits	%
Compound registry No. Range (%)			
Ethyl methacrylate polymer	9003-42-3	NA	97.7
Ethyl methacrylate	97-63-2	NA	2.0
* Methy methacrylate	80-62-6	NA	0.3
<u>Compound</u> OSHA PEL ACGIH TLV IARC LIST NTP LIST LD50 LC50			
Ethyl Methacrylate polumer	N/A	N/A	No No No No
Ethyl methacrylate	N/A	N/A	No No 14.8 No g/kg(1)
*Methyl methacrylate	100ppm	100ppm	No No No No
A * before the compound name indicates that compound is a SARA Title III Section 313 "Toxic chemical". (1) = IN RATS N/A – Not applicable			

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	Red irritated eyes, itching and feeling that a particle exists between eyelid and eye.	NA	NA	Acute: Can produce mechanical irritation to the eye. Chronic: N/D. Not believed significant. Exposure limits: N/A Irritancy of product: Eye irritant. Sensitization t o product: N/D	NA
Skin	NA	NA	NA	NA	NA
Inhalation	NA	NA	NA	NA	NA
Ingestion	NA	NA	NA	NA	NA
Other	Reproductive toxicity: N/D. Teratogenicity: N/D. Mutagenicity: N/D	NA	NA	NA	NA
Medical Conditions Aggravated by Exposure N/A					
Carcinogenicity (IARC, NTP)					



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N/D.
Potential Environmental Effects
NA

4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	Flush eyes with copious quantities of water for 15 minutes.	If irritation persists, see a physician.	NA
Skin	Flush eyes with copious quantities of water for 15 minutes.	If irritation persists, see a physician.	NA
Inhalation	NA	NA	NA
Ingestion	NA	NA	NA
Other	NA	NA	NA

Note to Physicians (Treatment, Testing, and Monitoring)
NA

5. Fire and Explosion Data

Flashpoint & Method: °C / °F N/A	Flammable (Explosive) Limits in Air LEL: N/A UEL: N/A	Autoignition Temperature N/A	Other Hazardous combustion products: N/A
Flame Propagation or Burning Non-flammable	Properties Contributing to Fire Intensity Conditions of flammability: N/A	Flammability Classification Health- , Flammability- , Reactivity- NFPA Fire hazard class: 0, Non-flammable. TDG Flammability classification: N/A. Non-flammable.	
Extinguishing Media Dry chemical, carbon dioxide or water fog.		Extinguishing Media to Avoid NA	
Protection and Procedures for Firefighters Wear MSHA / NIOSH approved pressure demand, self-contained breathing apparatus. Guard against contact of product with eyes during salvage operation.			
Unusual Fire and Explosion Hazards Explosion data: Sensitivity to mechanical impact: N/A. Sensitivity to static discharge: N/A			

6. Accidental Release Measures

Containment Techniques NA
Spill/Leak Clean-Up Procedures and Equipment Sweep area of product, collecting in a container for disposal. Areas of spill can be extremely slippery. All normal safety precautions should be observed.
Evacuation Procedures NA
Special Instructions NA
Reporting Requirements NA

7. Handling and Storage

Handling Practices and Warnings No special handling is required beyond those outlined in this MSDS.
Storage Practices and Warnings Can be stored indoors or outdoors. Should not be stored at temperatures above 140 °F.



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8. Exposure Control/Personal Protection

Ventilation N/A		Other Engineering Controls N/A
Routes of Entry:	Personal Protective Equipment (PPE) for Normal Use:	PPE for Emergencies:
Eye/Face	Chemical safety glasses.	NA
Skin	Wear impervious gloves and splash goggles while handling. Long sleeve shirts and long trousers are recommended to prevent skin contact. Foot wear: N/A	NA
Inhalation	N/A	NA
General Hygiene Considerations and Work Practices Flush product from hands with soapy water. Care should be taken to avoid contact with eyes until hands have been completely cleaned. Product has a tendency to cling to skin due to static charge. Care must be exercised to remove all products from skin. The product causes areas to become extremely slippery when spilled, and can cause falls. Sweep up spilled material and transfer for proper disposal.		
Protective Measures During Repair and Maintenance of Contaminated Equipment NA		
Other Protective Measures and Equipment NA		

9. Physical and Chemical Characteristics

Appearance White, fine flowing beads.		Odor Slight acrylic odor
Normal Physical State: <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input checked="" type="checkbox"/> Solid <input type="checkbox"/> _____ (Other)		Boiling Point °C / °F N/A Melting Point >150°C / °F Freezing Point °C / °F N/A
Specific Gravity or Density (H₂O=1) NA	Solubility in Water Insoluble	pH N/A
Vapor Pressure (mm Hg @ 20°C) N/A	Vapor Density (AIR= 1) N/A	Evaporation Rate (Butyl Acetate = 1) N/A
Other Density (g/30ml): 18-21. Coefficient of water / oil distribution: N/D. Odor threshold (ppm): N/D		

10. Stability and Reactivity Data

Incompatibility (Materials to Avoid) N/A	
Hazardous Products Produced During Decomposition Methyl methacrylate and allyl methacrylate. NFPA Reactivity rating: 0, stable.	
Hazardous Polymerization? <input type="checkbox"/> May Occur <input type="checkbox"/> May Not Occur	Conditions to Avoid °C / °F
Stability? <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions to Avoid Decomposes above 200°C

11. Toxicological Information

Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic or Reproductive Effects, or Structure Activity Data Toxicologically synergistic products: None known. Carcinogenicity: N/D. Reproductive toxicity: N/D. Teratogenicity: N/D. Mutagenicity: N/D
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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

NA

Properties (Physical/Chemical) Affecting Disposal

NA

14. Transport Information

Regulated for shipping?

Yes No NA

Proper Shipping Name

Exacatabond for plastic powder

Packing Group

NA

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

Yes No NA

Hazard Class

NA

Identification Number

NA

Other

Special shipping information: N/A

15. Regulatory Information

Federal Regulations

NA

International Regulations

NA

Other

NA

16. Other Information

Supplier Number: 28 / 51

Supplier Release: NA

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