



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
97-300-05

Product Name: Ortho Resin Orange Powder

Release Date: February 27, 2007

1. Product and Company Identification

Trade Name & Synonyms Pozzi Ortho Resin-Orange	MSDS Code Number N/A
Chemical Name Methacrylate copolymer Formula: proprietary Material: F.B. Polymer orange.	Manufacture / Distributor GAC International Inc.
C.A.S. Number 84-66-4	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	Approx. wt (%)	TLV	PEL	C.A.S. Number	Exposure Limits	%
Particulates Noc	N/A	10	15	N/A	NA	97
Dialkil Phtalets		5	5	84-66-4	NA	<.15
Orange Dye				N/A	NA	2

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	NA	NA	NA	NA	NA
Skin	NA	NA	NA	NA	NA
Inhalation	NA	NA	NA	NA	NA
Ingestion	NA	NA	NA	NA	NA
Other	NA	NA	NA	NA	NA
Medical Conditions Aggravated by Exposure Eyes, skin and respiratory track may be irritated by gross overexposure to particulates. Avoid inhalation of dust. Keep dust out of eyes to avoid irritation.					
Carcinogenicity (IARC, NTP) NA					
Potential Environmental Effects NA					

4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	Flush with water for 15 minutes.	NA	NA
Skin	Wash with soap and water.	NA	NA
Inhalation	Remove to fresh air and get medical help if discomfort persists.	NA	NA
Ingestion	Rinse with water.	Call doctor if amount was large or discomfort persists.	NA
Other	NA	NA	NA
Note to Physicians (Treatment, Testing, and Monitoring) NA			



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5. Fire and Explosion Data

Flashpoint & Method: °C /304°F	Flammable (Explosive) Limits in Air LEL: N/A UEL: N/A	Autoignition Temperature NE	Other NA
Flame Propagation or Burning NA	Properties Contributing to Fire Intensity NA	Flammability Classification Health- , Flammability- , Reactivity- NA	
Extinguishing Media Dry chemical, water spray		Extinguishing Media to Avoid NA	
Protection and Procedures for Firefighters Avoid extinguishing methods which may generate dust clouds. Water stream can disperse dust into air producing a fire hazard and possible explosion hazard if exposed to ignition source.			
Unusual Fire and Explosion Hazards Polymer dust is combustible. Firefighters should wear self-contained breathing apparatus.			

6. Accidental Release Measures

Containment Techniques NA
Spill/Leak Clean-Up Procedures and Equipment Sweep up to avoid slipping hazard. Keep airborne particulates at a minimum when cleaning up spills.
Evacuation Procedures NA
Special Instructions NA
Reporting Requirements NA

7. Handling and Storage

Handling Practices and Warnings NA
Storage Practices and Warnings (°C / °F). Store in a cool dry place. Keep container closed to avoid water absorption and contamination. Storage temperature: keep indoors.

8. Exposure Control/Personal Protection

Ventilation Ventilation type	Other Engineering Controls NA	
Routes of Entry:	Personal Protective Equipment (PPE) for Normal Use:	PPE for Emergencies:
Eye/Face	Safety glasses	NA
Skin	Protective gloves: Not mandatory	NA
Inhalation	Use types of particulates not otherwise classified if needed.	NA
General Hygiene Considerations and Work Practices NA		
Protective Measures During Repair and Maintenance of Contaminated Equipment NA		
Other Protective Measures and Equipment High temperature processing equipment should be ventilated.		



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9. Physical and Chemical Characteristics

Appearance Fine orange powder		Odor Faint odor in bulk
Normal Physical State: <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input checked="" type="checkbox"/> Solid <input type="checkbox"/> _____ (Other)		Boiling Point °C / °F NE Melting Point °C / °F N/A Freezing Point °C / °F NA
Specific Gravity or Density (H₂O=1) NE	Solubility in Water Insoluble	pH NA
Vapor Pressure (mm Hg @ 20°C) N/A	Vapor Density (AIR= 1) N/A	Evaporation Rate (Butyl Acetate = 1) N/A
Other % Volatile (By weight): <2. Viscosity: N/A		

10. Stability and Reactivity Data

Incompatibility (Materials to Avoid) Strong oxidizing products.	
Hazardous Products Produced During Decomposition Methylmethacrylate monomer and carbon monoxide	
Hazardous Polymerization? <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> May Not Occur	Conditions to Avoid Heating above 300°C / °F
Stability? <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions to Avoid Heating above 300°C / °F

11. Toxicological Information

Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic or Reproductive Effects, or Structure Activity Data None of the components of this material are listed by IARC, NTP, OSHA or ACGIH as carcinogens.
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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 Dispose of in a landfill or incinerate according to federal, state and local regulations.
Properties (Physical/Chemical) Affecting Disposal NA



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14. Transport Information

Regulated for shipping? <input type="checkbox"/> Yes <input type="checkbox"/> No NA		Proper Shipping Name Ortho resin orange powder	Packing Group NA
Do changes in quantity, packaging, or shipment method change product classification? <input type="checkbox"/> Yes <input type="checkbox"/> No NA		Hazard Class NA	Identification Number NA
Other Avoid inhalation of dust. Keep dust out of eyes to prevent possible irritation.			

15. Regulatory Information

Federal Regulations NA
International Regulations NA
Other NA

16. Other Information

Supplier Number: 39/97 Supplier Release: December 1, 1994
N/A = not applicable. NA = not available, N/E = not established. N/D = not determined.