



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
97-300-08

Product Name: Ortho Resin Red Powder

Release Date: February 27, 2007

1. Product and Company Identification

| | |
|--|---|
| Trade Name & Synonyms Pozzi Ortho Resin- Red | MSDS Code Number N/A |
| Chemical Name Methacrylate copolymer. Formula: Proprietary. Material: F.B. Polymer Red | 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 |
| Red 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 N/E | 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 of 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

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|---|
| 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 red powder | | Odor Faint odor in buk. |
| 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/E Melting Point °C / °F N/A Freezing Point °C / °F NA |
| Specific Gravity or Density (H₂O=1) N/E | 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 Viscosity: N/A % Volatile (By Weight): < 2 | | |

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

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|--|
| 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

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|---|
| Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements NA |
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13. Disposal Considerations

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|---|
| 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 Red 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

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|--|
| 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. | |