

# MATERIAL SAFETY DATA SHEET

Date Issued: 12/18/2008  
 MSDS No: LS1002  
 Date Revised: 12/18/2008  
 Revision No: 3

## TruAcrylic™ Polymer Orthodontic Acrylic Powder

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** TruAcrylic™ Polymer Orthodontic Acrylic Powder  
**PRODUCT DESCRIPTION:** Clear and various colored powders  
**PRODUCT CODE:** P033-20032; 40-00XX  
**PRODUCT FORMULATION NAME:** Proprietary Blend  
**CHEMICAL FAMILY:** Blend of Copolymers and Plastic  
**MOLECULAR FORMULA:** Not Available  
**GENERIC NAME:** Dialkil Phtalats

#### MANUFACTURER

Ortho Technology, Inc.  
 17401 Commerce Park Boulevard  
 Tampa FL 33647  
**Product Stewardship:** 1-800-999-3161

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT(S)	CAS
Dialkyl Phthalate	84-66-4
Particulates NOC.	NE

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** Powder - Clear and various colors

#### POTENTIAL HEALTH EFFECTS

**EYES:** Keep out of eyes to avoid irritation.

**INGESTION:** Avoid Inhalation of Dust and ingestion

**INHALATION:** Avoid inhalation of Dust and ingestion.

**COMMENTS:** Not known to cause significant Health Problems. Avoid inhalation of dust and ingestion.  
 Keep out of eyes to avoid irritation.

### 4. FIRST AID MEASURES

**EYES:** Flush with water for Fifteen (15) minutes including under eyelids.

**SKIN:** Wash with soap and water.

**INGESTION:** Rinse mouth with water. Call doctor if amount was large and discomfort persists.

**INHALATION:** Remove to fresh air and get medical help if discomfort persists.

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### 5. FIRE FIGHTING MEASURES

**FLASHPOINT AND METHOD:** 304 F

**AUTOIGNITION TEMPERATURE:** Not Established

**EXTINGUISHING MEDIA:** Use Dry Chemical or Water Sray.

**FIRE FIGHTING PROCEDURES:** Avoid extinguishing methods which may generate dust clouds. Water stream can dispense dust into air producing a fire hazard and possible explosion hazard if exposed to ignition source.

### 6. ACCIDENTAL RELEASE MEASURES

**COMMENTS:** Sweep up to avoid slipping hazard.  
Keep airborne particulates at a minimum when cleaning up spills.

### 7. HANDLING AND STORAGE

**HANDLING:** Keep away from heat and flame.

**STORAGE:** Store in a cool dry place.  
Keep container closed to avoid water absorption and contamination.

**STORAGE TEMPERATURE:** Keep Indoors

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Local exhaust at processing equipment.

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear safety glasses

**RESPIRATORY:** Use type for particulates not otherwise classified if needed.

**WORK HYGIENIC PRACTICES:** Keep airborne particulates at a minimum when cleaning up spills.

**OTHER USE PRECAUTIONS:** High temperature equipment should be ventilated

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Powder

**ODOR:** Faint odor in bulk

**APPEARANCE:** Fine white or colored powder

**COLOR:** Various colors

**PERCENT VOLATILE:** Less than 2% by weight

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**VAPOR PRESSURE:** NA = Not Applicable

**VAPOR DENSITY:** NA = Not Applicable

**BOILING POINT:** Not Established

**FREEZING POINT:** NA = Not Applicable

**MELTING POINT:** NA = Not Applicable

**SOLUBILITY IN WATER:** Insoluble.

**EVAPORATION RATE:** Not Applicable

**DENSITY:** Not Applicable

**SPECIFIC GRAVITY:** Not Established

**VISCOSITY:** NA = Not Applicable

### 10. STABILITY AND REACTIVITY

**STABILITY:** Stable.

**POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** Heating above 300C

**HAZARDOUS DECOMPOSITION PRODUCTS:** NA = Not Applicable

**INCOMPATIBLE MATERIALS:** Strong oxidizing products

### 11. TOXICOLOGICAL INFORMATION

#### CARCINOGENICITY

**Notes:** None of the Components of this material are listed by IARC, NTP, OSHA, or ACIGH as carcinogens.

### 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Not Available

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose of in a landfill or incinerate according to Federal, State and local requirements

### 14. TRANSPORT INFORMATION

**COMMENTS:** Not Available

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### 15. REGULATORY INFORMATION

**GENERAL COMMENTS:** Not Available

**COMMENTS:** Not Available

### 16. OTHER INFORMATION

**REASON FOR ISSUE:** New MSDS Format

**APPROVED BY:** J.Hutchins     **TITLE:** QA/RA Director

**PREPARED BY:** T.Swan

**INFORMATION CONTACT:** 1-800-999-3161

**REVISION SUMMARY:** Revision #: 3. This MSDS replaces the December 18, 2008 MSDS.

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