MATERIAL SAFETY DATA SHEET

REVISION DATE: 3-19-01

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

COMPANY INFORMATION:
Earlychildhood.com
2 Lower Ragsdale Drive Suite 200
Monterey, CA 93940

Information/Emergency Phone Number: 1-800-627-2829
Hours: Mon-Fri 6am – 9pm PST

PRODUCT INFORMATION:

PRODUCT NUMBER:	BGLD
CHEMICAL NAME:	MICA/TITANIUM DIOXIDE/IRON OXIDE
TRADE NAME:	GOLD BIO-POWDER
CHEMICAL FAMILY:	PIGMENT
FORMULA:	Not Applicable

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	CAS#	APPR%
Mica	12001-26-2	51-61%
Titanium Dioxide	13463-67-7	34-40%
Iron Oxide	1309-37-1	5-9 %

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

May cause eye or respiratory tract irritation.

Appearance:

Free flowing Powder, no specific odor.

POTENTIAL HEALTH EFFECTS (ACUTE AND CHRONIC)

Symptoms of Exposure:

Coughing,wheezing, or shortness of breath when inhaled. Itching, irritation and redness after contact with the eyes.

The material is considered essentially non-toxic when ingested, but may cause gastrointestinal upset or diarrhea if ingested in large quantities.

Prolonged inhalation of dust may be harmful. Mica can cause lung damage reaulting in slight lung fibrosis.

Metal oxides in this form are not expected to present any specific hazard to health during normal handling and use.

MATERIAL SAFETY DATA SHEET

Medical Condition Aggravated by Exposure:
Asthma, emphysema, or other existing lung or respiratory disease.
Routes of Entry:
Eye and skin contact and inhalation are anticipated as possible routes of exposure. Ingestion is not expected.
Carcinogenicity:
This material is not known to cause cancer in humans or animals.

SECTION 4: FIRST AID MEASURES

Emergency First Aid:
Eyes: Flush with copious amounts of water for fifteen minutes. Get medical attention if symptoms persist.
Skin: Remove excess material and wash affected skin with soap and water. Gently dry area with a clean towel.
Inhalation: Remove to uncontaminated area. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
Ingestion: Induce vomiting if conscious and as directed by a physician. Never give anything by mouth to an unconscious person. Get medical attention.

SECTION 5: ENVIRONMENTAL PROTECTION PROCEDURES

Spill Response: Use absorbant material and flush remainder into sewer.
Waste Disposal: In accordance with Federal, State and Local regulations

SECTION 6: HANDLING AND STORAGE

Handling and Storage:
Keep container tightly closed. Store in general chemical storage. Protect against physical damage. Handle carefully. Store away from incompatible materials. Avoid generating dust or vapors.

SECTION 7: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (C 760 mmHg):	Not Applicable
Melting Point (C):	> 1000 Degrees C
Specific Gravity (H20 = 1):	3.0
Bulk Density:	Not Applicable
Vapor Pressure (mm Hg):	Not Applicable
Percent Volatile by Vol (%):	Not Applicable
Vapor Density (Air = 1):	Not Applicable
Evaporation Rate (BuAc = 1):	Not Applicable
PH Aqueous Solution:	Not Determined
Solubility in Water (%):	Insoluble
Appearance:	Free Flowing Powder, no specific odor

MATERIAL SAFETY DATA SHEET

SECTION 8: STABILITY AND REACTIVITY

Stability:
Stable under normal conditions of storage or use.
Hazardous Polymerization:
Will not occur under normal conditions of storage or use.
Hazardous Decomposition:
Fumes of metal oxides, mica particles.
Conditions to Avoid:
Avoid exposure to heat, spark or open flame.

SECTION 9: REGULATORY INFORMATION

TSCA Inventory:
The components of this material appear in the Toxic Substances Control Act (TSCA) Chemical Substances Inventory and are available for commercial use.

DISCLAIMER OF LIABILITY

THE INFORMATION CONTAINED HEREIN IS TO THE BEST OF OUR KNOWLEDGE AND ACCURATE. HOWEVER, SINCE THE CONDITIONS OF HANDLING AND USE ARE BEYOND OUR CONTROL, WE MAKE NO GUARANTEE OF RESULTS AND ASSUME NO LIABILITY FOR DAMAGES INCURRED BY THE USE OF MATERIAL. ALL CHEMICALS MAY PRESENT UNKNOWN HEALTH HAZARDS AND SHOULD BE USED WITH CAUTION. ALTHOUGH CERTAIN HAZARDS ARE DESCRIBED HEREIN, WE CAN'T GUARANTEE THAT THESE ARE THE ONLY HAZARDS WHICH EXIST. FINAL DETERMINATION OF SUITABILITY OF THE CHEMICAL IS THE SOLE RESPONSIBILITY OF THE USER. NO WARRANTIES ARE GIVEN OR IMPLIED.

Form completed by: Joel Goobich, MSc.