

MATERIAL SAFETY DATA SHEET**SECTION 1 - SOURCE/IDENTITY/USE INFORMATION****SUPPLIER**

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COMMON NAME: NEW FUJIROCK, FUJIROCK EP, FUJIROCK EP PASTELS**CHEMICAL NAME:** N.A.**PRODUCT USE:** Dental Models - Powder

The following information is provided with regard to the toxicity and hazards of the pure components present in this portion of the product.

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT	C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Calcium sulfate hemihydrate	10034-76-1	PEL=10mg/m ³ TLV=15mg/m ³ (Respirable) (OSHA) TWA=10mg/m ³ (ACGIH)	N.E.	90-100

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES**BOILING POINT:** 1450°C (Decomposes) **SPECIFIC GRAVITY (H₂O = 1):** 3.0**VAPOR PRESSURE:** N.A. **MELTING POINT:** N.A.**VAPOR DENSITY:** N.A. **EVAPORATION RATE:** N.A.**SOLUBILITY IN WATER:** 0.2% (20°C) **ODOR THRESHOLD:****COEFFICIENT OF OIL/WATER DISTRIBUTION:** N.E.**APPEARANCE AND ODOR:** White, gold brown or light yellow free flowing powder, no odor.**SECTION 4 - FIRE AND EXPLOSION DATA****FLASH POINT:** None**FLAMMABLE LIMITS:** N.A.**EXTINGUISHING MEDIA:** Not combustible**SPECIAL FIRE FIGHTING PROCEDURES:** None**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Reduction of Calcium Sulfate at high temperature caused violent explosion. Contact with Diazomethane vapor generates heat which can lead to detonation.**HAZARDOUS COMBUSTION PRODUCTS:** Above 1450°C evolves calcium oxide and sulfur dioxide.**SECTION 5 - REACTIVITY DATA****STABILITY:** **Stable** **Unstable****POLYMERIZATION:** **Will Not Occur** **Will Occur****CONDITIONS TO AVOID:** Moisture (will affect usability of product)**INCOMPATIBILITY (MATERIALS TO AVOID):** Acids**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** None Known**SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION**

	YES	NO	NE	NA	NTP	IARC	OSHA	OTHER
MUTAGENIC AFFECTS		X						
TERATOGENIC AFFECTS		X						
REPRODUCTIVE TOXIN		X						
CARCINOGENICITY		X						
SENSITIZER		X						

SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION - continued

