

## 120025 COE Alginate - 5 lbs (Page 1 of 2)

## MATERIAL SAFETY DATA SHEET

## SECTION 1 - SOURCE/IDENTITY/USE INFORMATION

## MANUFACTURER

GC AMERICA INC.

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**COMMON NAME:** COE ALGINATE CHERRY - FAST/NORMAL

COE ALGINATE MINT - FAST/NORMAL

**CHEMICAL NAME:** N.A.**PRODUCT USE:** Dental impression material (powder component) to be mixed with water.*The following information is provided with regard to the toxicity and hazards of the pure components present in this product.*

## SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT	C.A.S.	EXPOSURE LIMITS	LD50/LC50
Calcium Sulfate	7778-18-9	TWA=10mg/m <sup>3</sup> (ACGIH) TWA=15mg/m <sup>3</sup> (total dust) TWA=5mg/m <sup>3</sup> (respirable) (OSHA)	N.E.
Diatomaceous Earth may contain up to 70% Crystalline Silica	68855-54-9 14464-46-1	See Below TWA=0.05mg/m <sup>3</sup> (ACGIH)	N.A.
Zinc oxide	1314-13-2	TWA=10mg/m <sup>3</sup> (dust) (ACGIH) TWA=5mg/m <sup>3</sup> (fume) (ACGIH) STEL=10mg/m <sup>3</sup> (ACGIH) TWA=15mg/m <sup>3</sup> (total dust) TWA=5mg/m <sup>3</sup> (respirable) (OSHA)	LD50=7.9g/kg (oral rat) LC50=N.E.
Potassium Titanium Fluoride	1619-27-5	PEL=2.5mg/m <sup>3</sup> TLV=2.5mg/m <sup>3</sup> (as fluoride) (OSHA)	N.E.
Tetra Sodium Pyrophosphate	7722-88-5	TLV=5mg/m <sup>3</sup> TWA=5mg/m <sup>3</sup> (ACGIH)	LD50=4 g/kg LC50=N.E.

## SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

**BOILING POINT:** N.A.**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** >1.0**VAPOR PRESSURE:** N.A.**MELTING POINT:** N.E.**VAPOR DENSITY:** N.A.**EVAPORATION RATE:** N.A.**SOLUBILITY IN WATER:** N.E.**ODOR THRESHOLD:** N.E.**COEFFICIENT OF OIL/WATER DISTRIBUTION:** N.E.**APPEARANCE AND ODOR:** Pink/white free flowing powder with cherry/mint odor.

## SECTION 4 - FIRE AND EXPLOSION DATA

**FLASH POINT:** N.A.**FLAMMABLE LIMITS:** N.A.**EXTINGUISHING MEDIA:** Material is non-combustible. Use extinguishing media appropriate to the surrounding area.**SPECIAL FIRE FIGHTING PROCEDURES:** N.A.**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Powder mixed with air may produce conditions conducive to explosion if spark so present.**HAZARDOUS COMBUSTION PRODUCTS:** N.A.

