

**MI PASTE PLUS**  
**MATERIAL SAFETY DATA SHEET****SECTION 1 - SOURCE/IDENTITY/USE INFORMATION****DISTRIBUTOR**

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**COMMON NAME:** MI PASTE PLUS**PRODUCT USE:** Topical paste with bio-available calcium and phosphate

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

**SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

COMPONENT	C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Glycerol	56-81-5	TWA=10 mg/m <sup>3</sup> (as mist) (ACGIH)	N.E.	10-20
Propylene glycol	57-55-6	TWA=10mg/m <sup>3</sup> Dow (mist)	LD50=20.0-33.7g/kg (oral rat) LC50=N.E.	0-2
Sodium fluoride	7681-49-4	5.6 g/Kg	LD50=2,000mg/kg (oral rat)	0.2
CPP-ACP	691364-49-5	N.E.	N.E.	5-10
D-glucitol	50-70-4	N.E.	N.E.	0-5
Silicon dioxide	7631-86-9	TLV=10mg/m <sup>3</sup> total dust (ACGIH) PEL=80mg/m <sup>3</sup> (OSHA)	LD50=>10,000mg/kg (oral-rat) LC50=N.E.	0-2
Titanium dioxide	13463-67-7	TWA=10mg/m <sup>3</sup> (respirable) (ACGIH)	N.E.	0-2
Ethyl-4-hydroxybenzoate	120-47-8	N.E.	N.E.	<0.1
Butyl-parahydroxybenzoate	94-26-8	N.E.	N.E.	<0.1
Propyl-4-hydroxybenzoate	94-13-3	N.E.	N.E.	<0.1

**SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES**

<b>BOILING POINT:</b> 100°C	<b>SPECIFIC GRAVITY:</b> N.E.
<b>VAPOR PRESSURE:</b> 23.0 hPa	<b>MELTING POINT:</b> 1350°C
<b>VAPOR DENSITY:</b> N.E.	<b>EVAPORATION RATE:</b> N.E.
<b>SOLUBILITY IN WATER:</b> partially miscible	<b>ODOR THRESHOLD:</b> N.E.
<b>COEFFICIENT OF OIL/WATER DISTRIBUTION:</b> N.E.	<b>APPEARANCE AND ODOR:</b> white paste with sweet odor

**SECTION 4 - FIRE AND EXPLOSION DATA**

**FLASH POINT:** 160°C **FLAMMABLE LIMITS:** N.A.  
**EXTINGUISHING MEDIA:** Chemical foam, carbon dioxide and dry chemical.  
**SPECIAL FIRE FIGHTING PROCEDURES:** Water can be used to cool fire-exposed container and protect personnel. Use of normal protective equipment is recommended.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None  
**HAZARDOUS COMBUSTION PRODUCTS:** None

**SECTION 5 - REACTIVITY DATA**

**STABILITY:** Stable  Unstable   
**POLYMERIZATION:** Will Not Occur  Will Occur   
**CONDITIONS TO AVOID:** Avoid high heat and humidity.  
**INCOMPATIBILITY (Materials to Avoid):** None  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** None

**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						

ROUTES OF ENTRY: Inhalation  Skin  Ingestion 

**HEALTH HAZARD (Acute and Chronic):** CPP-ACP is derived from milk casein, it should not be consumed by patients with milk protein allergies or hydroxybenzoate allergies.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** N.E.

**CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** N.E.

**EMERGENCY FIRST AID PROCEDURES:**

**EYE CONTACT:** Flush eyes with plenty of water, lifting lower and upper eyelids. If irritation persists, seek medical attention.

**SKIN CONTACT:** Remove with wet gauze or tissue. If irritation develops, seek medical attention.

**INGESTION:** Do not induce vomiting. Give plenty of water. If irritation develops, seek medical attention.

**INHALATION:** Supply fresh air; consult doctor in case of complaints.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**

**IN CASE OF RELEASE OR SPILL:** Cover with absorbent material.

**WASTE DISPOSAL METHOD:** Dispose of in accordance with local, state and federal guidelines.

**STORAGE, HANDLING, AND SPECIAL PRECAUTIONS:** Store at room temperature. Keep container closed when not in use. Keep away from heat and high humidity.

**SECTION 8 - CONTROL MEASURES**

**RESPIRATORY PROTECTION:** None required.

**VENTILATION:** Local Exhaust - Yes Mechanical:  Special:  Other:

**PROTECTIVE GLOVES:** Disposable vinyl gloves recommended.

**EYE PROTECTION:** Safety glasses recommended.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** N.A.

**WORK/HYGIENIC PRACTICE:** Observe good hygienic work practices.

**SECTION 9 - PREPARATION INFORMATION**

*This data is supplied to comply with OSHA Hazard Communication Standard 29 CFR 1910,1200 and W.H.M.I.S. CPR.*

**DATE:** 16 April 2007

N.A. = NOT APPLICABLE

N.E. = NOT ESTABLISHED

*The information herein is given in good faith but no warranty expressed or implied is made.*

FIRE - 0

TOXICITY - 0

NFPA

REACTIVITY - 0

SPECIAL -