

MIRACLE MIX - LIQUID
MATERIAL SAFETY DATA SHEET**SECTION 1 - SOURCE/IDENTITY/USE INFORMATION****DISTRIBUTOR**

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COMMON NAME: MIRACLE MIX-LIQUID
MIRACLE MIX CAPSULES - LIQUID

CHEMICAL NAME: N.A.

PRODUCT USE: Dental composite filling material - liquid component

The following information is provided with regard to the toxicity and hazards of the pure components present in this portion of the unmixed powder/liquid system.

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT	C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Polyacrylic acid	Not listed	TWA=10ppm (ACGIH)	LD50=2500mg/kg (oral rat) LC50=N.E.	40-50
Proprietary Ingredient		TLV=10mg/m ³ PEL=15mg/m ³	N.E.	5-15

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: 101°C
VAPOR PRESSURE: N.E.
VAPOR DENSITY: N.E.
SOLUBILITY IN WATER: N.E.
COEFFICIENT OF OIL/WATER DISTRIBUTION: N.E.
liquid

SPECIFIC GRAVITY (H₂O = 1): 1.18
MELTING POINT: 13°C
EVAPORATION RATE: N.E.
ODOR THRESHOLD: N.E.
APPEARANCE AND ODOR: Colorless, slightly viscous and odorless

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: Not flammable

FLAMMABLE LIMITS: N.A.

EXTINGUISHING MEDIA: Alcohol foam

SPECIAL FIRE FIGHTING PROCEDURES: Full protective clothing and self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

HAZARDOUS COMBUSTION PRODUCTS: Emits Acrid smoke when heated beyond boiling point.

SECTION 5 - REACTIVITY DATA

STABILITY: Stable Unstable
POLYMERIZATION: Will Not Occur Will Occur

CONDITIONS TO AVOID: High heat

INCOMPATIBILITY (Materials to Avoid): Alkali will inactivate product

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: N.E.

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): Acidic solution (pH=1.90), avoid contact with skin or eyes.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: N.E.

CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N.E.

EMERGENCY FIRST AID PROCEDURES:**INGESTION:** Do not induce vomiting - give large volumes of water. Seek medical attention.**SKIN:** Wash with soap and water. If irritation develops seek medical attention.**EYES:** Flush with water for 15 minutes. If irritation develops seek medical attention.**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****IN CASE OF RELEASE OR SPILL:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation.**WASTE DISPOSAL METHOD:** Dispose of in accordance with local, state and federal regulations.**STORAGE, HANDLING, AND SPECIAL PRECAUTIONS:** Store in a cool dry place in tightly closed container.**SECTION 8 - CONTROL MEASURES****RESPIRATORY PROTECTION:** None required**VENTILATION:** Local Exhaust: N.A. Mechanical: N.A. Special: N.E. Other: N.A.**PROTECTIVE GLOVES:** Latex gloves are recommended**EYE PROTECTION:** Goggles or full face shield**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Do not spill on clothing. Eyewash station**WORK/HYGIENIC PRACTICE:** Follow safe hygiene 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:** 08 January 2009**REVIEWED:** 29 February 2012**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 - 1****NFPA**
REACTIVITY - 0**SPECIAL - ACID**