

**COE TRAY PLASTIC FAST - LIQUID
MATERIAL SAFETY DATA SHEET****SECTION 1 - SOURCE/IDENTITY/USE INFORMATION****MANUFACTURER**

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COMMON NAME: COE TRAY PLASTIC FAST - LIQUID**CHEMICAL NAME:** N.A.**PRODUCT USE:** Custom dental impression trays - 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	%
Methyl Methacrylate	80-62-6	TWA=100ppm (ACGIH)	LD50=7.9 g/kg (oral rat) LC50=3750 ppm/4hr.	60-100
Methanol	67-56-1	STEL=250ppm (ACGIH) TWA=200ppm (ACGIH)	LD50=5628 mg/kg (oral rat) LC50=64000 ppm/4hr.	1-5

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: 62°C
VAPOR PRESSURE: 50 (86°C)
VAPOR DENSITY: 3.5
SOLUBILITY IN WATER: Slight
COEFFICIENT OF OIL/WATER DISTRIBUTION: N.E.

SPECIFIC GRAVITY: 0.940
MELTING POINT: N.E.
EVAPORATION RATE: N.E.
ODOR THRESHOLD: <1 ppm as Methyl Methacrylate
APPEARANCE AND ODOR: Colorless, volatile liquid with sharp odor

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: 11°C
FLAMMABLE LIMITS: N.E.
EXTINGUISHING MEDIA: Alcohol foam, dry chemical, carbon dioxide
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus with full protective equipment.
UNUSUAL FIRE AND EXPLOSION HAZARDS: When heated above the flashpoint, emits vapors, which when mixed with air, can burn or be explosive. Fine mists or sprays may be flammable at temperatures below the flash point. Sealed containers exposed to elevated temperatures may rupture explosively due to polymerization. Vapors are heavier than air and may travel to ignition source.
HAZARDOUS COMBUSTION PRODUCTS: Carbon Dioxide, Carbon Monoxide, Smoke

SECTION 5 - REACTIVITY DATA

STABILITY: Stable Unstable **POLYMERIZATION:** Will Not Occur Will Occur
CONDITIONS TO AVOID: Heat and ignition sources.
INCOMPATIBILITY (Materials to Avoid): Reducing and oxidizing agents.
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							

