

# O · P · I P · R · O · D · U · C · T · S

## MATERIAL SAFETY DATA SHEET

### SECTION I - PRODUCT IDENTIFICATION

**Product Name:** MMA DETECTION KIT LIQUID B

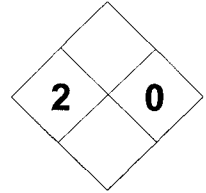
**Date Prepared:** 07/07/98

**Date Revised:**

**Name of Preparer:** Sunil Sirdesai

**POISON CONTROL CENTER**  
CHEMTREC  
1-800-424-9300

HEALTH = 2  
FLAMMABILITY = 3  
REACTIVITY = 0



### SECTION II - HAZARDOUS INGREDIENTS

Chemical Names	CAS Numbers	Exposure Limits	
		TWA (mg/m <sup>3</sup> )	CEIL (mg/m <sup>3</sup> )
2-Pentanone (RTECS SA7875000 On the TSCA list.)	107-87-9	700	250

0 = MINIMAL,  
1 = SLIGHT,  
2 = MODERATE,  
3 = SERIOUS,  
4 = SEVERE

### SECTION III - REACTIVITY DATA

**Stability:** Stable

**Incompatibility:** No specific information is available in our vendors database regarding the reactivity of this material in presence of various other materials.

**Hazardous Decomposition Products:** These products are carbon oxides (CO, CO<sub>2</sub>)

**Hazardous Polymerization:** Will not occur.

### SECTION IV - HEALTH HAZARD INFORMATION

**Symptoms of Overexposure:**

**Inhaled:** Overexposure may cause irritation of eye, nose, and respiratory tract. May cause CNS effects such as dizziness, headache, nausea, and loss of consciousness.

**Contact with Skin or Eyes:** Can cause eye and skin irritation

**Absorbed Through Skin:** Overexposure may cause dizziness, headache, or vomiting.

**Swallowed:** Induce vomiting if conscious. Contact physician.

**Health Effects from Overexposure:**

**Acute:** Oral (LD<sub>50</sub>): 1600 mg/kg (Rat, Mouse); Dermal (LD<sub>50</sub>): 6472 mg/kg (Rabbit)

**Chronic:** Slightly dangerous to dangerous in case of skin contact (irritant, permeator), of eye contact (irritant), of ingestion, of inhalation.

**First Aid - Emergency Procedures:**

**Eye Contact:** Flush with water for 15 minutes, including under the eyelids. Remove contact lenses.

**Skin Contact:** Wash with soap and water.

**Inhaled:** Remove to fresh air.

**Swallowed:** Induce vomiting if conscious, call a physician.

**IN ALL OF THE ABOVE EMERGENCY CASES, CALL A PHYSICIAN.**

**Suspected Cancer Agent:** N/A

**Medical Conditions Aggravated by Exposure:** The substance is toxic to kidneys, lungs, the nervous system, liver. Toxicity of the product to the reproductive system: N/A. Repeated or prolonged exposure to the substance can produce target organs damage.

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ADDITIONAL INFORMATION CONTINUED ON THE OTHER SIDE

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Product Name: MMA DETECTION KIT LIQUID B

## SECTION V - SPILL, LEAK, AND DISPOSAL PROCEDURES

**Spill Response Procedures:** Remove sources of ignition. Prevent skin contact and breathing of vapor. Confine and remove with an inert absorbent. Ventilate area.

**Preparing Wastes for Disposal:** Disposed of in accordance with all local, state and federal regulations.

## SECTION VI - SPECIAL HANDLING INFORMATION

**Ventilation and Engineering Controls:** Local exhaust.

**Respiratory Protection:** Be sure to use a MSHA/NIOSH approved respirator or equivalent.

**Eye Protection:** Safety glasses.

**Gloves:** Impervious gloves

**Other handling and storage requirements:** Store in a cool, dry place. Keep away from heat and sources of ignition.

## SECTION VII - PHYSICAL PROPERTIES

**Vapor Density (air=1):** 3

**Specific Gravity (H<sub>2</sub>O = 1):** .809

**Solubility in Water:** N/A

**Vapor Pressure, mmHg at 20 Degrees C:** 27

**Melting Point (Degrees Fahrenheit):** -107.5

**Boiling Point (Degrees Fahrenheit):** 215.6

**Evaporation Rate (Butyl Acetate=1):** N/A

**Appearance and Odor:** Clear liquid, characteristic odor

## SECTION VIII - FIRE AND EXPLOSION

**Flash Point (Fahrenheit) and Method:** 44.6 (Setaflash closed cup)

**Flammable Limits in Air, Volume %:** Lower: 1.5; Upper: 8.2

**Fire Extinguishing Materials:** Water, Dry Chemical, Carbon Dioxide, Alcohol foam

**Special firefighting procedures:** Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.

**Unusual fire and explosion hazards:** Explosive in the form of vapor when exposed to heat or flame.

## SECTION IX - USERS RESPONSIBILITY

A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be determined if, or where, precautions, in addition to those described herein should be passed on to your customers or employees, as the case may be. OPI Products Inc. must rely on the user to utilize the information we have supplied to develop work practice guidelines and employee instructional programs for the individual operation and regulations.

### IMPORTANT

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation, and verification. Buyer assumes all risk of use, storage, and handling of the product in compliance with applicable federal, state, and local laws and regulations. OPI PRODUCTS INC. MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, CONCERNING THE ACCURACY OR COMPLETENESS OF THE INFORMATION AND DATA HEREIN. OPI Products Inc. will not be liable for claims relating to any party's use of, or reliance on, information and data contained herein regardless of whether it is claimed that the information and data are inaccurate, incomplete, or otherwise misleading.