

# Material Safety Data Sheet



Sultan Healthcare

85 West Forest Avenue, Englewood, NJ 07631

Phone: 201-871-1232 • Toll Free: 800-637-8582

Fax: 201-871-0321 • <http://sultanhealthcare.com>

EU Auth. Rep. (MDD 93/42/EEC)

MDSS GmbH • Schiffgraben 41 • D-30175 Hannover, Germany

**FOR CHEMICAL EMERGENCY: CALL INFOTRAC 1-800-535-5053 24 Hrs. per day, 7 days per week**  
**Outside the United States call collect 1-352-323-3500**

Date Reviewed: May 19, 2008

Q-Form 10-111, Rev. D

\*\*\*\*\*

## 1. Chemical Identification

Common Name: Kayon® Denture Tinting Stain Special Liquid  
Ref #: 78246

## 2. Composition/Information on Ingredients

Methyl methacrylate monomer, inhibited CAS # 80-62-6

## 3. Hazards Identification

**Acute Toxicity:** High concentration of vapor (>1000 PPM) may cause eye and respiratory irritation, prolonged contact with skin can cause irritation, eye contact causes severe irritation and possible corneal damage.

**Chronic Toxicity:** Prolonged, repeated exposure may cause skin sensitization in susceptible individuals.

**Carcinogenicity:** NTP – no, OSHA – no, IARC – no

## 4. First Aid Measures

**Eye Contact:** Flush with large quantities of water for 15 minutes. Consult a physician immediately.

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

**Inhalation:** If irritation occurs, take victim to open air. If breathing difficulty persists, consult a physician.

**Ingestion:** Do not induce vomiting. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person. Consult a physician immediately.

## 5. Fire Fighting Measures

Flash Point and Method: 10°C (50°F) (TCC)

Extinguishing Media: Carbon dioxide, water, dry chemical

Special Fire Fighting Procedures: Forms flammable mixtures with air. Flashback possible.

Unusual Fire and Explosion Hazards: Vapors are uninhibited and may form polymer in vents and flame arrestors resulting in stoppage of vents.

## 6. Accidental Release Measures

Avoid seepage into sewers and water supplies. Contain spill and pick up material with suitable absorbent material. Place absorbent into a container for later disposal. Clean spill area with detergent and water.

## 7. Handling and Storage

Always wear full protective clothing, gloves and safety goggles. Use explosion proof electrical equipment in work areas. Keep container tightly closed when not in use. Store in a cool, dry location. Keep material in original packaging

## 8. Exposure Controls/Personal Protection

Respiratory Protection: Avoid inhalation of vapors. No special protection under normal use.

Eye Protection: Wear safety goggles or safety glasses with side shields when handling.

Exhaust Required: None

Protective Gloves: Avoid unnecessary skin contact. Wear gloves when handling.

## 9. Physical and Chemical Properties

Appearance: Colorless liquid

Odor: Acrid acrylic odor

Solubility in Water: 1.6% by wt.

Boiling Point: 101°C (214°F)

Evaporation Rate: > 1 (water = 1)

Vapor Density (Air = 1): 3.46

## 10. Stability and Reactivity

Stability: This material is stable.

Hazardous Polymerization: Can occur in the presence of excessive heat, heavy metal contaminants, oxidizers, reducing agents, peroxides and free radical sources.

Hazardous Decomposition Products: Carbon dioxide, water, carbon monoxide, depending on conditions of heating and burning

Conditions to Avoid: Sparks, open flames

Incompatibility: Strong acids and oxidizing, agents

## 11. Toxicological Information

LD-50/LC-50: 7900 mg/kg (rat)

## 12. Ecological Information

no data available

## 13. Disposal Considerations

May be disposed of in landfill or incinerator in accordance with local, state and federal regulations.

## 14. Transit Information

U.S. DOT Shipping Name: Methyl methacrylate monomer, inhibited

U.S. DOT Hazard Class: 3

U.N./N.A. Number: UN1247

U.S. DOT Packing Group: II

Label Required: Flammable Liquid

## 15. Regulatory Information

U.S. – O.S.H.A. Status: Flammable Liquid

This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the MSDS contains all the information required by the *Controlled Products Regulations*.

## 16. Other Information

Material should be maintained in original containers. Empty containers should not be re-used.

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. In no event will the manufacturer or the distributor be responsible for damages of any nature whatsoever resulting from the use of or reliance upon this information. General properties are to be regarded as guidelines and are not guaranteed for all samples