

# Material Safety Data Sheet



Sultan Healthcare

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

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**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**

Q-Form 10-111, Rev. D

*Date Reviewed: May 19, 2008*

## 1. Chemical Identification

Common Name: TempART Self-Cure Liquid, 100 ml  
Ref #: 71010, 71040, 71041

## 2. Composition/Information on Ingredients

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

## 3. Hazards Identification

Acute Health Hazards: 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 Health Hazards: Prolonged, repeated exposure may cause skin sensitization in susceptible individuals.

Signs and Symptoms of Exposure: Exposure to vapor can cause eye and respiratory irritation. Symptoms can include irritation, discomfort, tearing, blurred vision, headache, nausea, shortness of breath. Prolonged skin exposure can cause dryness and irritation. Eye contact causes severe irritation.

Primary Routes of Entry: inhalation, skin contact, eye contact.

## 4. First Aid Measures

**Eye Contact:** Flush eyes with large quantities of water for at least 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: N/A

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

Spill Clean up: Contain spill and pick up material with a suitable absorbent material. Place absorbents into a container for later disposal. Clean spill area with detergent and water.

## 7. Handling and Storage

Handling: Always wear full protective clothing, gloves and safety glasses. Use explosion proof electrical equipment in work areas.

Storage: Keep container tightly closed when not in use. Store in a cool, dry location. Keep material in original packaging.

## 8. Exposure Controls/Personal Protection

Exposure Limit Method: Use only in well ventilated areas.

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: Not required.

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

Special Protective Clothing: Remove spilled material from skin and clothing.

## 9. Physical and Chemical Properties

Appearance: Colorless liquid

Odor: Acrid acrylic odor

Solubility in Water: 1.6% by wt.

pH (@ 25 °C): N/A

Boiling Point (°C): 101°C (214°F)

Melting Point: N/A

Evaporation Rate (Butyl acetate = 1): >1 (Water = 1)

Vapor Pressure (mm Hg @ °C): N/A

Specific Gravity: N/A

Vapor Density (Air = 1): 3.46

Water Reactivity: N/A

Percent Volatile: 100%

Flash point: 10°C (50°F) TCC

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## 10. Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Can occur.

Hazardous Reactions: 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.

Incompatibility: Strong acids and oxidizing agents.

Conditions to Avoid: Sparks, open flames

## 11. Toxicological Information:

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

## 12. Ecological Information

Do not discharge into sewers or water supplies.

## 13. Disposal Considerations:

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

## 14. Transit Information

DOT: Consumer Commodity

IMDG: Limited Quantity Exception

UN 1247, Methyl Methacrylate Monomer, stabilized, Class 3, PG II

Not Packaged for Air Transport.

## 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.