

MATERIAL SAFETY DATA SHEET

RML 0110

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Remel O:P Kit

SECTION I-IDENTIFICATION

Trade Name: 10% Formalin
Vendor: Remel
Revision No: 6
Date Revised: 02/20/89
Formula: Mixture.

SECTION II-HAZARDOUS INGREDIENTS

Material: Formaldehyde
CAS #: 50-00-0
% Weight: 10
Nature of Hazard: POISON-IRRITANT.
Cancer Hazard: Overexposure to Formaldehyde may create a cancer risk (IARC/NTP).

SECTION III-PHYSICAL DATA

Formaldehyde
Boiling Point: 98°C
Vapor Pressure: Unknown
Vapor Density: 1.0 (Formaldehyde gas)
Water Solubility: Complete.
Appearance and Odor: Colorless liquid, pungent odor.
Melting Point: Polymerizes below 13°C.
Specific Gravity: 1.0
% Volatile by Volume: 100
Evaporation Rate: >1
(ether=1)

SECTION IV-FIRE AND EXPLOSION DATA

Formaldehyde
Flash Point: Over 140°C
Explosive Limits: LEL 7.0
UEL 73.0
Extinguishing Media: Carbon dioxide, dry chemical or foam.
Special Fire-fighting Procedures: Wear self-contained breathing apparatus and protective equipment.
Unusual Fire and Explosive Data: Emits toxic fumes of formaldehyde gas.

SECTION V-HEALTH HAZARD AND EMERGENCY

Formaldehyde
Threshold Limit Value: 1 ppm
Hazards and First Aid Procedures: Harmful or fatal if swallowed. Irritating to eyes, mucous membranes and skin. Causes burns, avoid eye and skin contact.
Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration. Call physician.
Eye/Skin Contact: Flush immediately with copious amounts of water for at least 15 minutes. Remove contaminated clothing. Call physician.
Ingestion: Give large quantities of water. Do not induce vomiting. Call physician.

SECTION VI-REACTIVITY

Stability: Stable.

Incompatibility: Hydrochloric acid, perchloric acid.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Emits toxic fumes of formaldehyde gas.

Conditions to Avoid: N/A

SECTION VII-SPILL AND DISPOSAL

Spill Procedures: Wear protective equipment as specified in Section VIII. Contain spill and absorb with inert material. Scoop up and place in approved DOT container.

Disposal Procedures: Dispose by means which comply with all local, state, and federal regulations or contact an approved and licensed disposal agency.

SECTION VIII-PROTECTION DATA

Eyes: Chemical safety goggles.

Gloves: Chemical resistant gloves.

Respiratory: Self-contained breathing apparatus or mask with activated carbon cartridges which meet NIOSH/MSHA approval.

Ventilation: Mechanical exhaust.

Other: Fume hood.

SECTION IX-HANDLING AND STORAGE

Store at room temperature.

SECTION X-MISCELLANEOUS DATA

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. Remel shall not be held liable for any damage resulting from handling or contact with the above product.