

# MATERIAL SAFETY DATA SHEET

**Date-Issued :** 10/09/2007  
**MSDS Ref. No :** ceasolderPAL  
**Date-Revised :** 11/09/2007  
**Revision No :** New MSDS

## Qualitek Peelable Acrylic Solder Mask Ceasolder PAL

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### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Qualitek Peelable Acrylic Solder Mask Ceasolder PAL

**PRODUCT DESCRIPTION:** Peelable Solder Mask

#### MANUFACTURER

Qualitek International, Inc.  
315 Fairbank St.  
Addison, IL 60101  
**Product Stewardship:** (630) 628-8083

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

1-800-535-5053 Infotrac  
1-352-323-3500 Outside the U.S.

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### 2. COMPOSITION / INFORMATION ON INGREDIENTS

**COMMENTS:** This product contains no other hazardous ingredients in concentrations greater than 1 %, and it contains no other ingredients that are considered hazardous according to 29 CFR 1910.1200.

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### 3. HAZARDS IDENTIFICATION

#### POTENTIAL HEALTH EFFECTS

**EYES:** Avoid contact with eyes; may cause redness, irritation and conjunctivitis.

**SKIN:** May cause skin irritation.

**INGESTION:** Harmful if swallowed.

**INHALATION:** Prolonged or excessive inhalation may cause respiratory tract irritation.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Stinging, tearing, redness and swelling.

**SKIN:** Prolonged or repeated contact may cause skin irritation.

**INGESTION:** Ingestion may result in diarrhea and/or nausea.

**INHALATION:** Inhalation may cause respiratory tract irritation.

**ACUTE TOXICITY:** Low hazard for usual industrial or commercial handling.

**CHRONIC:** No adverse effects anticipated from available information.

**CARCINOGENICITY:** None

#### REPRODUCTIVE TOXICITY

**TERATOGENIC EFFECTS:** Not considered a developmental toxin.

**CANCER STATEMENT:** No data available

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### 4. FIRST AID MEASURES

**EYES:** Remove any contact lenses. Immediately flush eyes with large quantities of water for at least 15 minutes. Get medical attention if irritation or vision problems develop.

**SKIN:** Immediately wash skin with soap and copious amounts of water. Remove any contaminated clothing. Get medical attention if irritation develops. Wash contaminated clothing before reuse.

**INGESTION:** If person is conscious, immediately give 3-4 glasses of water or milk. Do not induce vomiting. Get immediate medical attention.

**INHALATION:** Move person to fresh air. If breathing is stopped or is labored, give assisted respiration (e.g. mouth-to-mouth). Supplemental

oxygen may be indicated. Seek medical advice if necessary.

**COMMENTS:** If victims of chemical over-exposure are taken for medical attention, give a copy of the label or this MSDS to the physician/health care professional.

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## 5. FIRE FIGHTING MEASURES

**FLASHPOINT AND METHOD:** None

**FLAMMABLE LIMITS:** N/A

**EXTINGUISHING MEDIA:** Water spray, foam, dry chemical or carbon dioxide. Do not use a full force water jet.

**FIRE FIGHTING PROCEDURES:** Evacuate area and fight fire from a safe distance. Immediately remove flammable material from the source of fire. Cool closed containers exposed to fire and water.

**FIRE FIGHTING EQUIPMENT:** Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

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## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Absorb spilled material with sand or other noncombustible absorbent material and place into containers for later reclamation or disposal.

**GENERAL PROCEDURES:** Absorb all spilled material on sand or vermaculite and place into closed containers for disposal. Ventilate area and wash spill site after material pickup is complete.

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## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Store in a cool, dry, well-ventilated area. Keep containers closed and protected against physical damage. Use only in well-ventilated areas. Observe all safety precautions with empty containers as they may retain product residues. Observe all warnings and precautions listed.

**STORAGE PRESSURE:** Store at local atmospheric pressure.

**STORAGE TEMPERATURE:** Store in a cool, dry place below 49°C (120°F).

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Provide general and/or local exhaust ventilation to control airborne levels below the OSHA/ACGIH exposure guidelines.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Face shield, safety glasses with side shield or chemical splash goggles.

**SKIN:** Gloves of the following materials may provide protection against permeation: Buna, Butyl, Natural Latex, Neoprene or Solvex. Other materials may not provide adequate protection.

**RESPIRATORY:** Atmospheric levels should be maintained below the exposure guideline. For most conditions, no respiratory protection should be needed; however, if handling at elevated temperatures and/or without sufficient ventilation, use a NIOSH/MSHA approved air-purifying respirator.

**PROTECTIVE CLOTHING:** Protective clothing and safety shoes as necessary to minimize contact.

**WORK HYGIENIC PRACTICES:** Good personal hygiene practices should be used. Wash after any contact, before eating, and at the end of the work period.

**OTHER USE PRECAUTIONS:** Eye wash station and quick drench safety shower in immediate work area.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**ODOR:** Low odor.

**APPEARANCE:** Gel like liquid.

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**COLOR:** Pink  
**PERCENT VOLATILE:** 50  
**SOLUBILITY IN WATER:** Insoluble  
**DENSITY:** 1.0 g/cc  
**VISCOSITY:** 28000 to 30000 Centipoise  
**(VOC):** 27.5 g/L (non-exempt VOC)

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## 10. STABILITY AND REACTIVITY

**CONDITIONS TO AVOID:** Avoid exposure to heat, open flames and other sources of ignition. Avoid contact with incompatible materials.

**STABILITY:** Stable.

**POLYMERIZATION:** Will not occur.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon dioxide and carbon monoxide.

**INCOMPATIBLE MATERIALS:** Strong bases, alkali metals, and strong oxidizing agents.

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## 11. TOXICOLOGICAL INFORMATION

### ACUTE

**EYES:** Not Available

**DERMAL LD<sub>50</sub>:** > 5000 mg/kg (rabbit)

**ORAL LD<sub>50</sub>:** 2330 mg/kg (rat)

**INHALATION LC<sub>50</sub>:** Not Available

**EYE EFFECTS:** May be mildly irritating to the eyes.

**SKIN EFFECTS:** Causes irritation to the skin.

**MUTAGENICITY:** Not Established

**REPRODUCTIVE EFFECTS:** Not Established

**TERATOGENIC EFFECTS:** Test results indicate that this material is not teratogenic.

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## 12. ECOLOGICAL INFORMATION

**GENERAL COMMENTS:** No information on ecological toxicity or biodegradability is available at this time.

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## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose of this material, contaminated absorbent material and other contaminated materials in an approved waste disposal facility, according to all applicable Federal, State, and Local regulations. Recovery and reuse, rather than disposal, should be the ultimate goal in handling efforts.

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## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Not regulated

### CANADA TRANSPORT OF DANGEROUS GOODS

**PROPER SHIPPING NAME:** Not regulated

### AIR (ICAO/IATA)

**PROPER SHIPPING NAME:** Not regulated

### VESSEL (IMO/IMDG)

**PROPER SHIPPING NAME:** Not regulated

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## 15. REGULATORY INFORMATION

### UNITED STATES

#### TSCA (TOXIC SUBSTANCE CONTROL ACT)

**TSCA STATUS:** All ingredients are listed or are exempt from listing (as polymers) on the Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

#### OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

**29 CFR 1910.119---PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS:** None of the chemicals in this product are considered highly hazardous by OSHA.

**CALIFORNIA PROPOSITION 65:** This product does not contain materials which the state of California has found to cause cancer, birth defects or other reproductive harm.

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## 16. OTHER INFORMATION

**REASON FOR ISSUE:** New format

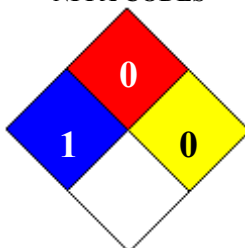
**APPROVED BY:** Tippy Wicker    **TITLE:** Director of Product Management

**PREPARED BY:** Jill Saleda

**INFORMATION CONTACT:** (630) 628-8083

**REVISION SUMMARY** New MSDS

#### NFPA CODES



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