

# SAFETY DATA SHEET

Date Issued : 5/29/2009  
MSDS No : Ceasolder  
Date Revised : 8/31/2015  
Revision No : 5

## Qualitek® Ceasolder Peelable Solder Mask

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Qualitek® Ceasolder Peelable Solder Mask

**PRODUCT DESCRIPTION:** Peelable Solder Mask

#### MANUFACTURER

Qualitek International, Inc.  
315 Fairbank St.  
Addison, IL 60101  
**Emergency Phone:** (800) 535-5053  
**Service Number:** (630) 628-8083

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

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

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

##### Health:

Eye Irritation, Category 2A

#### GHS LABEL



Exclamation  
mark

**SIGNAL WORD:** WARNING

#### HAZARD STATEMENTS

H319: Causes serious eye irritation.

H333: May be harmful if inhaled.

#### PRECAUTIONARY STATEMENT(S)

##### Prevention:

P264: Wash hands thoroughly after handling.

##### Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P304+P341: IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.

P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

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### Storage:

P233: Keep container tightly closed.

### Disposal:

P501: Dispose of contents/container in accordance to local/regional/national/international regulations.

### 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.

### REPRODUCTIVE TOXICITY

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

**CARCINOGENICITY:** None

**ROUTES OF ENTRY:** Inhalation, ingestion, eye or skin contact.

**CANCER STATEMENT:** No data available

**SENSITIZATION:** May cause sensitization by inhalation and skin contact.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Natural Rubber Centrifuged Latex	< 90	
Ammonia, aqueous	< 0.3	1336-21-6

### 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.

### SIGNS AND SYMPTOMS OF OVEREXPOSURE

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

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

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

**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.

### 5. FIRE FIGHTING MEASURES

**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.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Cover with absorbent material, soak up and sweep into a drum.

**LARGE SPILL:** Contain spilled liquid with sand, absorbent material, or concrete dikes for recovery or disposal. Collect spilled material for disposal in accordance with all applicable Federal, State and Local regulations.

**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.

### 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.

**HANDLING:** Do not get in eyes, skin, or on clothing. Avoid breathing vapors or mists. Reasonable measures should be taken and safe practices followed with any work involving industrial chemicals.

**STORAGE:** Avoid freezing or excessive heat.

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

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

**SHELF LIFE:** 1 Year from DOM

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

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### 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.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**ODOR:** Ammoniacal.

**APPEARANCE:** Gel like liquid.

**COLOR:** Pink

**pH:** 9.5 to 11

**Notes:** 5 % aqueous solution (by weight)

**PERCENT VOLATILE:** 50

**FLASH POINT AND METHOD:** None

**FLAMMABLE LIMITS:** N/A

**FREEZING POINT:** 0°C (32°F)

**SOLUBILITY IN WATER:** Dispersible

**DENSITY:** 1.02 g/cc

**VISCOSITY #1:** 10500 to 15000 Centipoise

**(VOC):** 27.500 g/L (non-exempt VOC)

### 10. STABILITY AND REACTIVITY

**STABILITY:** Stable.

**POLYMERIZATION:** Will not occur.

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

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

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

### 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.

**REPRODUCTIVE EFFECTS:** Not Established

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

**MUTAGENICITY:** Not Established

### 12. ECOLOGICAL INFORMATION

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

### 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.

### 14. TRANSPORT INFORMATION

#### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Not regulated by DOT

#### CANADA TRANSPORT OF DANGEROUS GOODS

**SHIPPING NAME:** Not regulated

### 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)

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### 29 CFR1910.119---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.

### 16. OTHER INFORMATION

**REASON FOR ISSUE:** New format

**APPROVED BY:** P. Han    **TITLE:** Technical Director

**PREPARED BY:** J. Saleda-Layton

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

**REVISION SUMMARY:** This MSDS replaces the 4/4/2014 MSDS.

#### HMIS RATING

<b>HEALTH</b>	<input type="checkbox"/>	<b>1</b>
<b>FLAMMABILITY</b>	<input type="checkbox"/>	<b>0</b>
<b>PHYSICAL HAZARD</b>	<input type="checkbox"/>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<input type="checkbox"/>	<b>B</b>

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