

# Material Safety Data Sheet

## Section 1 - Product Information

Product Name: **WATER SOLUBLE REWORK WAND**

Manufacturer: Qualitek International, Inc.  
315 Fairbank Street  
Addison, IL 60101, USA

Emergency Telephone Number: 1-800-535-5053  
Information Telephone Number: 1-630-628-8083  
Fax Number: 1-630-628-6543  
Date Prepared: April 15, 1996  
Supersedes: New

## Section 2 - Hazardous Ingredients

<u>Chemical Common Name(s)</u>	<u>OSHA PEL</u>	<u>ACGHIH TLV</u>	<u>Wt. %</u>	<u>CAS #</u>
None				
<b><u>Hazardous Ingredients</u></b>				
2-Propanol	400ppm	400ppm	<70	67-63-0
**Diethanolamine	3ppm	3ppm	<3	111-42-2

### Hazard Rating Systems

HMIS: Health: 2 Flammability: 3 Reactivity: 1 Personal Protection: X

No other Hazardous ingredients exceed 1%. Other ingredients are not considered hazardous according to 29 CFR 1910.1200

## Section 3 - Physical and Chemical Characteristics

Boiling Point: (760mm Hg): 180°F  
Vapor Pressure (mm Hg): 33.00@68°F  
Vapor Density (AIR=1): >1.00  
Solubility in Water: Complete  
Appearance and Odor: H Yellow Liquid; Ethereal Odor

Specific Gravity (H<sub>2</sub>O = 1@24°C): 0.884+/- 0.006  
Reactivity in Water: None  
Evaporation Rate (butylacetate=1):< 2.30  
Melting Point: N/A

## Section 4 - Fire and Explosion Data

Flash Point: 53°F  
Auto Ignition Temperature: N/D  
Extinguisher Media: Carbon Dioxide, Dry Chemical or Alcohol Foam  
Special Fire Fighting Procedures: SCBA with full face piece and protective clothing is recommended.  
Unusual Fire and Explosion Hazards: Closed container may explode when exposed to extreme heat.

Flammable Limits in Air % by Volume:  
LEL Lower: 2 UEL Upper: 12

## Section 5 - Reactivity Data

Stability: Stable  Unstable   
Incompatibility (Materials to Avoid): Strong Acids, Strong Oxidizers  
Hazardous Decomposition or Byproducts: May release toxic vapor/gases such as Carbon Monoxide, Carbon Dioxide  
Hazardous Polymerization: May Occur  Will not Occur  Conditions to Avoid: N/A

## Section 6 - Health Hazards

### Acute (Severe Short Term) Health Hazards:

Inhalation of fumes or ingestion may cause headache, nausea, muscular pain; irritation of eye and

nose may result from contact with soldering fumes.

Chronic (Long Term) Health Hazards:

Anemia, insomnia, weakness, constipation and abdominal pains due to ingestion, skin rash, damage to mucous membranes due to skin exposure and inhalation.

Signs and Symptoms of Exposure: Irritation of pulmonary system, skin rash

Medical Conditions Generally Aggravated by Exposure: Pre-existing conditions of the lungs, diseases of the blood and blood forming organs; kidneys, nerves and possibly reproductive systems.

Carcinogenicity: Not listed as a carcinogen by NTP, OSHA, ACGIN: IARC classifies lead and its compounds as a Group 2B carcinogen (possibly carcinogenic to humans).

Emergency and First Aid Procedures: Perform the following First Aid Procedures; consult a Physician and get proper medical attention when necessary, in case of contact with smoke from soldering or repeated skin contact.

**Eye Contact:** Flush eyes with plenty of water for 15 minutes.

**Skin Contact:** Wash thoroughly with soap and water; use lotion to prevent dryness.

**Inhalation:** Remove person to fresh air

**Ingestion:** Drink a lot of water, do not induce vomiting and get proper medical attention

## Section 7 - Special Precautions and Spill/Leak Procedures

Handling and Storage: Do not store or use near spark or flame. Keep containers closed tightly and upright to prevent leakage.

If Material is Released or Spilled: Small spills should be cleaned up with absorbent; large spills should be collected for disposal.

Water Disposal Methods: Disposal in accordance with Federal, State and local regulations.

Other Precautions: Avoid repeated or prolonged breathing of vapor or skin contact.

## Section 8 - Special Protection Information / Control Measures

Respiratory Protection: Usually not required. When ventilation is not adequate to remove smoke (during soldering) from breathing zone a cartridge type respirator is needed.

Ventilation & Local Exhaust: As required keep PEL & TLV below the limit

Protective Gloves: Neoprene or rubber

Eye Protection: Splash guard goggles.

Other Protective Equipment: Not required.

Work / Hygienic Practices: Wash hands after handling product, avoid prolonged or repeated contact with skin or breathing of vapors.

## Section 9 - Other Regulatory Information

TSCA: Subject chemical substance(s) and ingredient(s) are all listed on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

CERCLA: If this product is accidentally spilled, it is not subject to any special reporting requirements of the Comprehensive Environmental Response, Compensation And Liability Act ("CERCLA") Contact local authorities to determine if there are any local reporting requirements.

SARA TITLE III: Section 311/312 and Section 313 - This product is not subject to the Emergency Planning and Community Right-To-Know reporting requirements.

DOT: DOT Proper Shipping Name - Flammable Liquids, n.o.s. (contains Isopropyl alcohol), 3, UN 1993, II.

California Proposition 65: This product when used for soldering and similar applications produces chemicals known to some states to cause birth defects or other reproductive harm.

This information contained herein is based upon data considered accurate and is offered solely for information, consideration and investigation. Qualitek extends no warranties, makes no representations, and assumes no responsibility as to the accuracy, completeness, or suitability of this data for any purchaser's use. The data on the Material Safety Data Sheet relates only to this product and does not relate to use with any other material or in any process. All chemical products should be used only by, or under, the direction of technically qualified personnel, who are aware of the hazards involved, and the necessity for reasonable care in handling. Hazard communication regulations, USA Occupational Safety and Health Act (OSHA), and Canada Workplace Hazardous Materials Information System (WHMIS), require that employees must be trained on the use of Material Safety Data Sheets as a source of hazardous information. Water soluble Rework Wand