



Material Safety Data Sheet

Section 1 - Product Information

Product Name: **SK44 Stencil Kleener**

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
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Section 2 - Hazardous Ingredients

Hazardous Components:

<u>Chemical</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Wt. %</u>
N-Methyl - 2 - pyrrolidone	872-50-4	Not Established	Not Established	< 80

No other Hazardous ingredients exceed 1%.

Non-Hazardous Components:

Other ingredients are not considered hazardous according to 29 CFR 1910.1200

Hazard Rating Systems

HMIS: Health: 1 Flammability: 2 Reactivity: 0 Personal Protection: X

Section 3 - Physical and Chemical Characteristics

Boiling Point: 392°F (200°C)

Melting Point: Not Applicable

Vapor Density (AIR=1): 3.4

Solubility in Water: Complete

Appearance and Odor: Clear colorless Liquid, mild odor

Specific Gravity (H₂O = 1 @25°C): 1.030 ± 0.050

Vapor Pressure (mm Hg): < 1 @212°F(100°C)

Evaporation Rate(Butyl Acetate=1): N/A

Reactivity in Water: None

Section 4 - Fire and Explosion Data

Flash Point: 196°F (91°C)

Flammable Limits: LEL 1.3 %
UEL 9.5 %

Extinguishing Media: Use water fog, foam, CO₂ or dry chemical

Special Fire Fighting Procedures: Firefighters should be equipped with self-contained breathing apparatus and turn out gear

Unusual Fire and Explosion Hazards: None

Section 5 - Reactivity Data

Incompatibility (Materials to Avoid):

Hazardous Decomposition or Byproducts:

Hazardous Polymerization:

Conditions to Avoid:

Oxidizers and strong acids

CO, CO₂ and NO_x

May Occur:

Will not Occur:

Not applicable

Section 6 - Health Hazards

Route(s) of Entry: Inhalation? Skin? Ingestion?

Acute (Severe Short Term) Health Hazards: Eye, skin and respiratory irritation. Ingestion causes gastric disturbances For N-Methyl-2-pyrrolidone - Rat, Oral LD50 - 3.5 ml/kg - moderately toxic.

Chronic (Long Term) Health Hazards: High oral doses of N-Methyl-2-pyrrolidone are embryotoxic in rats.

Target organs: kidneys (mouse, 2500 ppm in diet for 28 days), testicles (rats, inhalation with recovery, dose 3 mg/l for 90 days, no testicular effect observed at inhalation doses 1 mg/l and lower.)

Carcinogenicity: None according to NTP, IARC, and OSHA.

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

Medical Conditions Generally Aggravated by Exposure: Not determined

Emergency and First Aid Procedures: Perform the following First Aid Procedures; consult a Physician and get proper medical attention when necessary.

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

Skin Contact: Wash thoroughly with soap and water.

Inhalation: Remove victim to fresh air.

Ingestion: If conscious, drink a lot of water, immediately induce vomiting and get proper medical attention.

Section 7 - Special Precautions and Spill/Leak Procedures

Steps to be taken in Case Material is Released or Spilled: Cleanup with absorbent materials

Waste Disposal Method: Dispose in accordance with Federal, State, and local regulations.

Precautions to be taken in Handling and Storage: Keep containers closed and upright to prevent leakage.

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

Section 8 - Special Protection Information / Control Measures

Respiratory Protection: If vapors or mists are generated, wear a NIOSH/MSHA approved organic vapor/mist respirator or an air-supplied respirator as appropriate.

Ventilation: Local and/or General ventilation should be used to keep exposures below limits.

Protective Gloves: Butyl rubber or FEP Teflon gloves recommended.

Eye Protection: Chemical goggles recommended. Wear face shield if splashing hazard exists.

Other Protective Clothing or Equipment: Wear coveralls, apron and boots as needed to avoid contact. Eyewash stations and safety showers must be easily accessible.

Work / Hygienic Practices: Wash hands after handling product.

Section 9 - Other Regulatory Information

TSCA: Subject Chemical substance(s) and ingredient(s) are 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 - N-Methyl-2-pyrrolidone is subject to the Emergency Planning and Community Right-To-Know reporting requirements.

DOT: DOT Proper Shipping Name - Combustible liquid, n.o.s. See 49 CFR 173.150(f)(2) and (3)

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.

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