

INK-OFF

SECTION I

HARVARD CHEMICAL RESEARCH, INC.

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Date: 10/19/11

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SECTION II HAZARDOUS INGREDIENTS/INFORMATION

HAZARDOUS COMPONENTS	CAS#	OSHA / PEL	ACGIH / TLV	OTHER / STEL	SK
N-Methyl Pyrolidone	872-50-4	100 ppm	100ppm	5ppm	

SECTION III -PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: >212°F

Vapor Pressure (mm Hg): ND

Vapor Density (Air=1): <1

Solubility in Water: PARTIALLY SOLUBLE

Appearance and odor: clear liquid with low odor.

Specific Gravity (H2O=1): 1.03

Melting Point: NA

Evaporation Rate:(Butyl Acetate=1) >1

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): ND

Flammable Limits: LEL: ND

UEL: ND

Extinguishing Media: Carbon dioxide, dry chemical or alcohol foam

Special Fire Fighting Procedures: Vapors are heavier than air care should be taken to force air into room to remove vapors.

Explosion Hazards: Remove all sources of ignition prior to applying.

SECTION V-REACTIVITY DATA

Stability: Stable

Incompatibility (Materials to Avoid): Oxidizers or strong acids.

Hazardous Decomposition or Byproducts: Heat, carbon dioxide, and carbon monoxide.

Hazardous Polymerization: Will not occur.

SECTION VI-HEALTH HAZARD DATA

Health Hazards (Acute and Chronic): NONE KNOWN

Routes of Entry, Signs of Exposure, and Symptoms of Exposure:

SKIN and EYES: May irritate extremely sensitive individuals. Possible irritant to eyes.

INHALATION: Vapors are harmful if inhaled.

INGESTION: Gastric pain and vomiting.

Medical Conditions Generally Aggravated by Exposure: Unknown

Carcinogenic: NONE

Emergency and First Aid Procedures:

SKIN & EYE CONTACT: Rinse skin with clear water. If irritation results, apply skin cream.

For eye contact immediately flush with clear running water for 15 minutes. Get medical attention.

INHALATION: Remove to fresh air. If breathing does not return to normal, get medical attention.

INGESTION: Immediately drink large quantities of water. Get medical attention.

SECTION VII-PRECAUTIONS FOR SAFE HANDLING AND USE

SPILLS: Dispose in accordance with federal and state regulations.

Handling and Storing: Keep container closed when not in use. Do not freeze. Follow label instructions.

Other Precautions: Keep this and all chemicals out of the reach of children.

SECTION VIII-CONTROL MEASURES

Respiratory Protection (Specify Type): Not required.

Ventilation: Mechanical: Recommended.

Protective Gloves: Not required.

Eye Protection: Safety glasses.

Other Protective Clothing or Equipment: Not required.

SECTION IX-ADDITIONAL INFORMATION