

# Material Safety Data Sheet

May be used to comply with  
OSHA's Hazard Communication Standard  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements.

# U.S. Department of Labor

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072



<b>IDENTITY</b> Hydromer Coating Solution 2234 - 63	<b>Product Code: 2IKA32</b>
--	-----------------------------

## Section I

Manufacturer's Name <b>Hydromer, Inc.</b>	Emergency Telephone Number DAY OR NIGHT (CHEMTREC) <b>800-424-9300</b>
Address (Number, Street, City, State, and ZIP Code) <b>35 Industrial Parkway</b>	For International Shipments call collect <b>703-527-3887</b>
<b>Branchburg, NJ 08876</b>	Telephone Number for Information <b>908-526-2828</b>
*This material has been classified as an EPCRA 313 Chemical and is subject to Section 313 reporting requirements	Date Prepared <b>9/6/2006</b>

## Section II - Ingredients/Identity Information

Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommendec	% (optional)
<b>*N-Methyl Pyrrolidone</b> CAS # 872-50-4				<10%
<b>Methanol</b> CAS# 67-56-1				<20%
<b>Isopropanol</b> CAS # 67-63-0				<20%

<b>Flammability</b>	<b>1</b>
<b>Health</b>	<b>2</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>E</b>

## Section III - Physical/Chemical Characteristics

Boiling Point	<b>unknown</b>	Specific Gravity (H2O = 1)	<b>0.94</b>
Vapor Pressure (mm Hg)	<b>unknown</b>	Melting Point	<b>NA</b>
Vapor Density (AIR = 1)	<b>unknown</b>	Evaporation rate (Butyl Acetate = 1)	<b>unknown</b>
Solubility in Water	<b>Soluble</b>		
Appearance and Odo	<b>Milky-opaque liquid with slight odor</b>		

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) <b>tcc &gt; 65° C</b>	Flammable Limits <b>NA</b>	LEL <b>NA</b>	UEL <b>NA</b>
Extinguishing Media	<b>NA</b>		
Special Firefighting Procedure:	<b>none</b>		

Unusual Fire and Explosion Hazard:

## Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid
-----------	----------	---------------------

Stable	<b>X</b>	
--------	----------	--

Incompatibility (Materials to Avoid)

**Strong acids, oxidizing materials.**

Hazardous Decomposition or Byproducts

None

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	<b>X</b>	

**Section VI - Health Hazard Data**

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	<b>X</b>	<b>X</b>	<b>X</b>

Health Hazards (Acute and Chronic)

**May cause irritation of eyes, skin and respiratory tract.**

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>

Signs and Symptoms of Exposure

**Irritation as noted above.**

Medical Conditions

General Aggravated by Exposure

**None currently known**

Emergency and First Aid Procedure

**If swallowed, induce vomiting. If contacted, wash with water.**

**If inhaled move to fresh air, give artificial respiration. Seek medical attention.**

**Section VII - Precautions for Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled

**Flush spill with copious amounts of water.**

Waste Disposal Method

**Dispose in accordance with federal, state, and local regulations.**

Precautions to be Taken in Handling and Storage

**None**

Other Precautions

**Section VIII - Control Measures**

Respiratory Protection (Specify Type)

**Self-contained breathing apparatus, in high vapor concentrations.**

Ventilator	Local Exhaust	Special
	Mechanical (General)	Other
	<b>Use to keep below vapor limits</b>	<b>X</b>

Protective Glove:

**Wear protective gloves.**

Other Protective Clothing or Equipment

**Eye bath, safety shower, vapor mask and protective clothing.**

Work / Hygienic Practices

**Wear safety glasses.**