

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

| | |
|--|-----------------------------|
| IDENTITY Hydromer Antifog Coating 680C | Product Code: 2IKS26 |
|--|-----------------------------|

Section I

| | |
|--|---|
| Manufacturer's Name Hydromer, Inc. | Emergency Telephone Number DAY OR NIGHT (CHEMTREC) (800)-424-9300 |
| Address (Number, Street, City, State, and ZIP Code) 35 Industrial Parkway | For International Shipments call collect (703)-527-3887 |
| Branchburg, NJ 08876 | Telephone Number for Information (908) 526-2828 |
| *This material has been classified as an EPCRA 313 Chemical and is subject to Section 313 reporting r | Date Prepared 5/20/2004 |

Section II - Ingredients/Identity Information

| Components (Specific Chemical Identity; Common Name(s)) | OSHA PEL | ACGIH TLV | Other Limits Recommend d | % (optional) |
|---|----------|-----------|--------------------------------|--------------|
| *N- Methyl Pyrrolidone CAS #: 87-2-50-4 | | 160 ppm | | |
| *Butyl Cellosolve CAS# 111-76-2 | | 25 ppm | | |
| Isopropyl Alcohol CAS # 67-63-0 | | 100 ppm | | |
| Water CAS # 7732-18-5 | | NA | | |

Transport Information: This product is non-hazardous during
Transportation during in the original container
original container.

| | |
|--------------|---|
| Health | 1 |
| Flammability | 1 |
| Reactivity | 0 |
| PPE | G |

Section III - Physical/Chemical Characteristics

| | | | |
|---------------------------------|--------|---|---------|
| Boiling Point (water) | 100° C | Specific Gravity (H2O = 1) | 1 |
| Vapor Pressure (mm Hg) (water) | 17 | pH | 9.5 |
| Vapor Density (AIR = 1) (water) | 0.6 | Evaporation rate (Butyl Acetate = 1) | unknown |

Solubility in Water

Soluble

Appearance and Odor

Opaque white to opaque yellow color with slight odor

Section IV - Fire and Explosion Hazard Data

| | | | | |
|----------------------------------|-------------------|------------------------|-----------|-----------|
| Flash Point (Method Used) TCC | > 61° C (> 141°) | Flammable Limits NA | LEL NA | UEL NA |
|----------------------------------|-------------------|------------------------|-----------|-----------|

Extinguishing Media

Use dry chemical, foam or CO2 or Water.

Special Firefighting Procedures

none

Unusual Fire and Explosion Hazards

None

Section V - Reactivity Data

| | | | |
|-----------|----------|----------|---------------------|
| Stability | Unstable | | Conditions to Avoid |
| | Stable | X | |

Incompatibility (Materials to Avoid)

Strong acids, oxidizing materials.

Hazardous Decomposition or Byproducts

None

| | | | |
|--------------------------|----------------|----------|---------------------|
| Hazardous Polymerization | May Occur | | Conditions to Avoid |
| | Will Not Occur | X | |

Section VI - Health Hazard Data

| | | | |
|--------------------|-------------|----------|------------|
| Route(s) of Entry: | Inhalation? | Skin? | Ingestion? |
| | X | X | X |

Health Hazards (Acute and Chronic)

May cause severe irritation and possible damage of eyes, skin, and respiratory tract.

This product contains N-Methyl Pyrrolidone, a chemical known to the State of California to cause reproductive toxicity

| | | | |
|------------------|-----------|------------------|-----------------|
| Carcinogenicity: | NTP? | IARC Monographs? | OSHA Regulated? |
| NA | NA | NA | NA |

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

Store in a well ventilated area below 25° C

Do not store in direct sunlight

Other Precautions

Section VIII - Control Measures

Respiratory Protection (Specify Type)

Self-contained breathing apparatus, in high vapor concentrations.

| | | |
|-------------|----------------------|---------|
| Ventilation | Local Exhaust | Special |
| | Mechanical (General) | Other |
| | X | |

Protective Gloves **Wear protective gloves.**

Other Protective Clothing or Equipment

Eye bath, safety shower and protective clothing.

Wear safety glasses.

Note: Hydromer believes that the information contained in this material safety data sheet is accurate as of the date first mentioned in such data sheet.

**NO FITNESS FOR ANY PARTICULAR PURPOSE OR ANY OTHER WARRANTY, EXPRESS OR LIMITED,
IS MADE CONCERNING THE INFORMATION REQUIRED**

The information provided in each data sheet relates only to the specific identified product and may not be valid where such product is used in combination with any other materials or in any process. Further, since the conditions and methods of use of the product and information referred to in such data sheet are beyond the control of Hydromer, Inc. which expressly disclaims any and all liability as to any results obtained or arising from any use of the product for such information. No statement made shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents.