

**ADVANCED MOISTURE CONTROL, INC.**

**MATERIAL SAFETY DATA SHEET**

Vapor-Guard DC      Date: June 30, 2004      Revised: June 30, 2004      Revision: 0      Page 1 of 4

**SECTION 1 - PRODUCT IDENTIFICATION**

**Manufacturer:** ,Advanced Moisture Control, Inc. 6765 Westminster Blvd., Ste. c308  
 Westminster, CA 92683 Tel 714-845-8030 Fax 714-893-3900

**MSDS Revision Date:** June 30, 2004

**Product Name:** Vapor-Guard DC

EMERGENCY 24-HOUR TELEPHONE # 1-800-424-9300 (CHEMTREC)

**THIS PRODUCT USES A ROLL-ON APPLICATION ONLY**

**SECTION 2 - HAZARDOUS INGREDIENTS**

Component Ingredients	C.A.S. Number	Weight Percent	Exposure ACGIH-TLV	Exposure OSHA-PEL
<b>Vapor-Guard DC</b>				
Polyethylene Polyamine and Polyethylene Polyamine Adduct	Proprietary	Minor	NE	NE
Polyethylene Polyamine Isomers	111-40-0 112-24-3 112-57-2	Minor	1 ppm	1 ppm
Polyoxyethanol	2807-30-9	Minor	NE	NE
Acetic Acid	64-19-7	Trace	10 ppm	10 ppm
Mineral Fillers	None	Trace	NE	NE

**\*Major = Over 25%,    Minor = 6-25%    Trace under 6%    Residue = Unknown %    NE - Not Established**

**SECTION 3 - PHYSICAL & CHEMICAL PROPERTIES**

<b>Product Class:</b>	Water reducible coating		
<b>Vapor Pressure, mmHg at 20 deg C.</b>	N/A	<b>Vapor density: (air = 1 )</b>	Less than 1
<b>Melting point or range, degrees F:</b>	N/A	<b>Specific gravity:</b>	1.23
<b>Boiling point or range, degrees F:</b>	N/A	<b>Solubility in water:</b>	Diluted
<b>Evaporation rate (butyl acetate = 1):</b>	<1		

**Appearance and odor:** This product is a milky white colored liquid with slight ammonia odor.

**ADVANCED MOISTURE CONTROL, INC.**

**MATERIAL SAFETY DATA SHEET**

Vapor-Guard DC      Date: June 30, 2004      Revised: June 30, 2004      Revision: 0      Page 2 of 4

**SECTION 4- FIRE AND EXPLOSION PRECAUTIONS**

<b>Flash Point, degrees Fahrenheit:</b>	No flash point - product is not flammable.
<b>Auto ignition temperature, degrees F:</b>	N/A
<b>Flammable limits in air, volume %:</b>	N/A
<b>Fire extinguishing materials:</b>	Use water spray, carbon dioxide, foam, or dry chemical.
<b>Special firefighting procedures:</b>	Water spray may be useful in minimizing vapors and cooling containers exposed to heat and flame.
<b>Unusual fire and explosion hazards:</b>	Closed containers exposed to heat may rupture due to pressure build up.

**SECTION 5 - HEALTH HAZARDS IDENTIFICATION**

**Symptoms of overexposure for each potential route of exposure:**

<b>Inhalation:</b>	High concentrations of vapors or aerosols may cause nausea and irritation of the nose, throat and respiratory tract.
<b>Skin or eye contact:</b>	This material is not expected to be a skin irritant. Direct eye contact with the liquid may cause stinging, tearing and redness.
<b>Skin Absorption:</b>	Skin absorption of this material is unlikely. Wash skin with soap and water if contacted.
<b>Swallowed:</b>	This material has a low degree of toxicity. Ingestion may cause irritation of digestive tract.

**Health effects or Risks from Exposure:**

<b>Acute:</b>	None known
<b>Chronic:</b>	None known

**Medical Conditions Aggravated by Exposure:**

While aerosol concentrations are very low, respiratory symptoms associated with pre-existing lung disorders such as pre-existing asthma-like conditions may be aggravated by high concentration of exposure to the liquid material.

**Emergency Procedures:**

<b>Inhaled:</b>	If respiratory symptoms develop, move person to fresh air. If symptoms persist, seek immediate medical attention.
<b>Eye or skin contact:</b>	If irritation or redness develops, flush eyes with clean water. If symptoms persist, seek medical attention. Always wash off any compound from skin.
<b>Swallowed:</b>	If swallowed and symptoms develop, seek immediate medical attention.
<b>Suspected Carcinogens:</b>	Product ingredients not listed by Federal OSHA, NTP or IARC

**ADVANCED MOISTURE CONTROL, INC.**

**MATERIAL SAFETY DATA SHEET**

Vapor-Guard DC      Date: June 30, 2004      Revised: June 30, 2004      Revision: 0      Page 3 of 4

**SECTION 6 - STABILITY & REACTIVITY**

**Hazardous Polymerization:** Will not occur.  
**Stability:** Stable.  
**Conditions to avoid:** None known.  
**Hazardous Decomposition Products:** Combustion may yield carbon monoxide and/or dioxide.  
**Incompatibility:** None known.

**SECTION 7 - SPILL, LEAK AND DISPOSAL MEASURES**

**Spill response procedures:** Spilled material may be absorbed into an appropriate absorbent. Use impermeable gloves/clothing as needed.  
**Preparing wastes for disposal:** Spilled material should be contained into suitable liquid holding containers. Notify appropriate state/local agencies for disposal method. NOTE: Always dispose of waste in accordance with federal, state and local regulations.

**SECTION 8 - HANDLING AND STORAGE**

**Ventilation and engineering controls:** If current ventilation practices are not adequate, additional ventilation or exhaust systems may be utilized.  
**Work environment and hygienic practices:** Follow good hygienic practices such as washing hands and saturated clothing before wearing.  
**Other handling and storage requirements:** Keep product containers closed when not in use. Avoid subjecting this product to extreme temperature variations and keep from freezing.  
**Maintenance of contaminated equipment:** Always use prudent hygienic and handling practices. Clean up any skin contact with soap and water.

**SECTION 9 - EXPOSURE CONTROLS FOR PERSONAL PROTECTION**

**Respiratory protection:** None required. However respiratory protection may be useful in areas where high concentrations and poor ventilation.  
**Eye protection:** Use approved eye protection to safeguard against potential eye contact, irritation or injury.  
**Ventilation:** Provide general dilution or local exhaust ventilation in volume and pattern to keep TLV of hazardous ingredients below acceptable limits when using this product or any other chemical material.  
**Gloves:** The use of impermeable gloves is advised.  
**Other clothing:** Impervious, expendable clothing should be worn as needed.

