

**ADVANCED MOISTURE CONTROL, INC.**

**MATERIAL SAFETY DATA SHEET**

Syment SCS Date: July 14, 2010 Revised: July 14, 2010 Revision: 0 Page 1 of 3

**SECTION 1 - PRODUCT IDENTIFICATION**

**Manufacturer:** Advanced Moisture Control, Inc. 17865 Sky Park Circle, Suite H  
Irvine, CA 92614 Tel 949-788-1490 Fax 949-788-1595

**MSDS Revision Date:** July 14, 2010

**Product Name:** Syment SCS

**SECTION 2 - HAZARDOUS INGREDIENTS**

Component	OSHA PEL	ACGHITLV	Other Limits
Portland Cement	5mg/m3	110mg/m3-TWA	5mg/m3, respirable 10mg/m3 TTL
Crystalline Silica	10mg/m3	.05mg/m3-TWA	
Calcium Carbonate	5mg/m3	10mg/m3-TWA	5mg/m3, respirable 10mg/m3 TTL

**SECTION 3 - PHYSICAL & CHEMICAL PROPERTIES**

<b>Product Class:</b>	Cementitious Compound		
<b>Vapor Pressure</b>	N/A	<b>Vapor density:</b> (air = 1 )	N/A
<b>Melting point or range, degrees F:</b>	N/A	<b>Specific gravity:</b>	2.5
<b>Boiling point or range, degrees F:</b>	N/A	<b>Solubility in water:</b>	1%
<b>Evaporation rate (butyl acetate = 1):</b>	<1%		

**Appearance and odor:** This product is a gray color powder with no odor.

**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>	N/A
<b>Special firefighting procedures:</b>	N/A.
<b>Unusual fire and explosion hazards:</b>	N/A

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**SECTION 5 - HEALTH HAZARDS IDENTIFICATION**

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

<b>Inhalation:</b>	Cementitious powders can cause irritation to sinuses if inhaled.
<b>Skin or eye contact:</b>	Cementitious powders can cause inflammation and possibly burning due to high alkaline contents.
<b>Skin Absorption:</b>	Skin absorption of this material is unlikely. Wash skin with soap and water if contacted. Cementitious powders can cause alkaline burns.
<b>Swallowed:</b>	Ingestion may cause irritation of digestive tract.

**Health effects or Risks from Exposure:**

<b>Acute:</b>	Cementitious powders can cause alkali skin burns.
<b>Chronic:</b>	Prolonged dust exposure can cause damage to lungs.

**Medical Conditions Aggravated by Exposure:**

There is insufficient evidence for carcinogenicity on inhaled crystalline silica. However, prolonged exposure can lead to lung disease.

**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>	NTP and IARC Monographs report carcinogenicity of crystalline silica.

**SECTION 6 - STABILITY & REACTIVITY**

<b>Stability:</b>	Stable.
<b>Conditions to avoid:</b>	None known.
<b>Hazardous Decomposition Products:</b>	CO, Co2, Silicon tetra fluoride with hydrofluoric acid.
<b>Hazardous Polymerization:</b>	None.
<b>Incompatibility:</b>	None known.

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

**Spill response procedures:** Spilled material may be swept or vacuumed using HEPA filter.

**Preparing wastes for disposal:** Spilled material can be disposed of in landfills or recycled.

**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.

**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:** Use OSHA approved respirator if desired.

**Eye protection:** Use properly fitted safety glasses.

**Ventilation:** Provide negative air ventilation if desired.

**Gloves:** The use of impermeable gloves is advised.

**Footwear:** Use rubber boots or cleats as desired.

**Other clothing:** Impervious, expendable clothing should be worn as needed.