

# AS-100 Material Safety Datasheet



## AS-100

**Manufacturer's Name**  
CMP Specialty Products

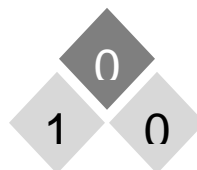
**Emergency Phone Number**  
215.672.6364

**Address (Number, Street, City, and Zip)**  
PO Box 213 Horsham, PA 19044

**Fax Number:**  
215.672.6384

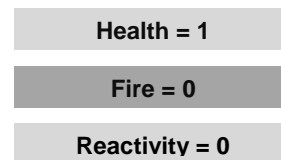
**Preparation Date**  
January 2010

**NFPA Ratings (Scale 0-4)**



Health = 1  
Fire = 0  
Reactivity = 0

**HMS Ratings (Scale 0-4)**



Health = 1  
Fire = 0  
Reactivity = 0

### Section II – Hazardous Ingredients / Identity Information

Hazardous Components (Specify Chemical Identity: Common Name(s)) OSHA PEL ACGIH TLV other limits recommended % (optional)

<u>CAS Number</u>	<u>WT %</u>	<u>Material</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
24937-78-8	40-60 %	Styrene Acrylic Polymer	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
7732-18-5	40-60 %	Water	N/A	N/A

### Section III - Physical/Chemical Characteristics

<b>Boiling Point</b> 212 Degrees F	<b>Specific Gravity (H2O = 1)</b> 1.1	<b>Vapor Pressure (mm Hg.)</b> 17 @ 20 Degrees
<b>pH (wet state)</b> 5.5 – 8.5	<b>Vapor Density (AIR = 1)</b> .7	<b>Solubility in Water</b> 100%
<b>Melting point</b> 32 Degrees F	<b>Evaporation Rate</b> N/A	<b>Appearance and Odor</b> Blue Liquid

### Section IV - Fire and Explosion Hazard Data

<b>Flash Point Flammable</b> Non-Flammable	<b>Limits</b> Non-Flammable	<b>LEL/UEL</b> N/A
<b>Extinguishing Media</b> Product does not burn; the aqueous mixture is not flammable.	<b>Special Fire Fighting Procedures</b> None	<b>Unusual Fire &amp; Explosion Hazards</b> None

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## Section V - Reactivity Data

**Stability**

Stable

**Conditions to Avoid**

N/A None

**Incompatibility (Materials to Avoid)**

Reactive metals ( i.e. calcium, zinc, etc).

**Hazardous Decomposition**

Will not occur

**Hazardous Polymerization**

Will not occur

**Conditions to Avoid**

Coagulation of product may occur following freezing/thawing or boiling

## Section VI - Health Hazard Data

**ACUTE:****EYES:**

Immediately flush eyes thoroughly with large amounts of water for 20 minutes, including upper and lower lids.

**SKIN:**

Promptly wash with water and soap for at least 15 minutes or longer, depending on the concentration, amount and duration of exposure. If irritation persists after washing, consult a physician.

**INHALATION:**

Remove subject to fresh air until irritation subsides, so if conditions warrant, consult a physician.

**INGESTIONS:**

May be corrosive to the digestive tract.

**CHRONIC:****EYES:**

None known

**SKIN:**

None known

**INHALATION:**

None known

### Emergency and First Aid Procedures

**EYES:** Immediately flush eyes thoroughly with large amounts of water for 20 minutes, including upper and lower lids.

**SKIN:** Promptly wash with water and soap for at least 15 minutes or longer, depending on the concentration, amount and duration of exposure. If irritation persists after washing, consult a physician.

**INHALATION:** Remove subject to fresh air until irritation subsides, so if conditions warrant, consult a physician.

**INGESTION:** Seek medical attention immediately.

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**Signs and Symptoms of Exposure:** Exposure to skin or eyes may cause rash or irritation. Inhalation may cause cough, shortness of breath, wheezing and reduced pulmonary function.

**Medical Conditions Generally Aggravated by Exposure:** Persons with allergies to Portland cement or individuals with respiratory disease or subject to eye irritation should not be exposure to this product.

**MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED:** Pre-existing upper respiratory and lung diseases such as, but no limited to, bronchitis, emphysema and asthma.

**PRIMARY ROUTES OF ENTRY:** Inhalation, eyes and/or skin contact, ingestion.

## Section VII - Precautions for Safe Handling and Use

### **Steps to Be taken in Case Material is Released or Spilled:**

Spills should be swept up and contained in a waste container for disposal. Do not flush down drains. If washed down, it may plug drains. If already mixed with water, scrape up and place in a container. Wear appropriate protective equipment.

### **Waste Disposal Method:**

Dispose of in accordance with all applicable local, State/Provincial and Federal regulations.

### **Precautions to Be Taken in Handling and Storing:**

Store in a cool, dry area. Take precautions to avoid bag breakage, subsequent spillage of material and dust creation.

## Section VIII - Control Measures

### **Respiratory Protection:**

Wear proper respiratory protection during mixing and during sanding if needed. Provide general ventilation and local exhaust ventilation to meet TLV requirements of individual ingredients and to control dusting conditions. Wear a NIOSH/MSHA approved respirator in poorly ventilated dusty areas and/or if TLV is exceeded. Refer to the most recent standards of ANSI (Z88.2), OSHA (29 CFR 1910.134), MSHA (30 CFR PARTS) and NOISH respirator decision logic.

### **Ventilation:**

Ventilate to keep exposures below TLV. General ventilation is expected to be satisfactory in most cases. Use local exhaust ventilation if necessary to control dust.

### **Protective Gloves:**

Recommended

### **Eye Protection:**

Recommended