



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.  
Avon, New York 14414  
(716) 226-6177

MSDS No. CC 240  
Effective Date February 4, 1999

## SECTION V HEALTH HAZARD DATA

CC 240

**Threshold Limited Value** TWA: 5 mg/m<sup>3</sup> (Respirable dust) 10 mg/m<sup>3</sup> (Total dust)  
30 million particles per cubic feet.

**Effects of Overexposure**  
Wet cement, especially as an ingredient in plastic concrete, can dry the skin and cause alkali burns. Cement dust can cause inflammation of the lining tissue of the interior of the nose and inflammation of the cornea.

**Emergency and First Aid Procedures**  
**EYES:** Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. **SKIN:** Flush thoroughly with water, then wash with mild soap and water.

## SECTION VI REACTIVITY DATA

**Stability**  
Unstable:  Stable:   
**Conditions to Avoid** Although no hazard reaction will occur, portland cement should be kept dry until used.

**Incompatibility (Materials to Avoid)** None specifically known.

**Hazardous Decomposition Products** None specifically known.

**Hazardous Polymerization**  
May Occur:  Will Not Occur:   
**Conditions to Avoid** Not applicable.

## SECTION VII SPILL OR LEAK PROCEDURES

**Steps to be taken in case material is released or spilled**  
Use dry cleanup methods that do not disperse the dust into the air. Avoid breathing dust.

**Waste Disposal Method** Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only.  
Uncontaminated material may be disposed of in a sanitary landfill. Check local codes.

## SECTION VIII SPECIAL PROTECTION INFORMATION

**Respiration Protection (Specify Type)** In a dusty environment, the use of a NIOSH/MSHA-approved respirator is recommended.

**Ventilation**  
Local Exhaust: Recommended. Special: No.  
Mechanical (General): Recommended. Other: No.

**Protective Gloves** Recommended. **Eye Protection** Chemical safety glasses.

**Other Protective Equipment** Goggles, smock, apron, ventilation hood, proper gloves, eye wash station.

## SECTION IX SPECIAL PRECAUTIONS

**Precautions to be Taken in Handling & Storing**  
Store in a cool, dry place. Wash thoroughly after handling.  
Keep container tightly closed when not in use.

**Other Precautions** Read label on container before using. Do not wear contact lenses when working with chemicals.  
Remove and wash contaminated clothing.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision 4 Date 2/4/99 Approved Michael Raszeja Chemical Safety Coordinator MR

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. \* Hazardous Materials Industrial Standards. Printed on recycled paper.

## SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

<b>Product</b>	CEMENT, PORTLAND	 <b>CHEMTREC</b> <b>800-424-9300</b> Day 716-226-6177  <b>NFPA HAZARD RATING</b> LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 <b>HMIS *</b>
<b>Chemical Synonyms</b>	Cement, Hydraulic	
<b>Formula</b>	Mixture	
<b>Unit Size</b>	Up to 2.5 Kg.	
<b>C.A.S. No.</b>	None listed.	

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Cement, Portland	100%	See Section V.

**WARNING! HARMFUL DUST-INJURIOUS TO EYES.**  
**MAY CAUSE SKIN IRRITATION ON CONTACT.**

## SECTION III PHYSICAL DATA

Melting Point (°F)	Not applicable.	Specific Gravity (H <sub>2</sub> O = 1)	3.15 @ 20°C
Boiling Point (°F)	Data not listed.	Percent Volatile by Volume (%)	Non-volatile solid (NA).
Vapor Pressure (mm Hg)	Negligible as solid.	Evaporation Rate ( =1)	Non-volatile (NA).
Vapor Density (Air=1)	Data not listed.		
Solubility in Water	Slight (0.1%-1%).		
Appearance & Odor	Gray powder; odorless.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (Method Used)</b>	Non-combustible (NA).	<b>Flammable Limits in Air % by Volume</b>	NA	Lower	Upper
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**Extinguisher Media** Use any media suitable for extinguishing the supporting fire.

**SPECIAL FIREFIGHTING PROCEDURES**  
In fire conditions, wear a NIOSH/MSHA-approved, self-contained breathing apparatus and protective clothing.

\* Alumina: (CAS No. 1344-28-1)  
Calcium Oxide: (CAS No. 1305-78-8)  
Silica: (CAS No. 14808-60-7)  
Iron Oxide: (CAS No. 1309-37-1)

## UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire or excessive heat may produce hazardous dust.

D.O.T. NON-REGULATED.

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20