



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/m³ (Respirable dust) 10 mg/m³ (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		Conditions to Avoid	Although no hazard reaction will occur, portland cement should be kept dry until used.
	Stable	X		

Incompatibility (Materials to Avoid)	None specifically known.
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Hazardous Decomposition Products	None specifically known.
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Hazardous Polymerization		Conditions to Avoid
May Occur	Will Not Occur	Not applicable.
	X	

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.
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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.
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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.
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Other Precautions	Read label on container before using. Do not wear contact lenses when working with chemicals.
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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
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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

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

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
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Cement, Portland	100%	See Section V.
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WARNING! HARMFUL DUST-INJURIOUS TO EYES.		
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MAY CAUSE SKIN IRRITATION ON CONTACT.		
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SECTION III PHYSICAL DATA

Melting Point (°F)	Not applicable.	Specific Gravity (H ₂ 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

Flash Point (Method Used)	Non-combustible (NA).	Flammable Limits in Air % by Volume 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.
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Approved by U.S. Department of Labor "essentially similar" to form OSHA-20