



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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MSDS No. DD 80  
Effective Date November 3, 1998

## SECTION V HEALTH HAZARD DATA

DD 80

**Threshold Limited Value** Nuisance dust 15 mg/m<sup>3</sup> respirable.  
TLV 10 mg/m<sup>3</sup>.

**Effects of Overexposure** **EYES:** Particles may cause irritation. **SKIN:** When mixed with water, this material hardens and then slowly becomes hot. Do NOT attempt to make a cast enclosing any part of the body, could cause severe burns that may require surgical removal of affected tissue. May dry skin. **INHALATION AS DUST:** May irritate eyes, nose, throat or upper respiratory system. Long term inhalation of respirable mica dust can cause lung damage (pulmonary fibrosis). May aggravate pre-existing upper respiratory and lung diseases (bronchitis, asthma, emphysema).

**Emergency and First Aid Procedures** **EYES:** Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. If irritation persists, get medical attention. **SKIN:** Flush thoroughly with water, then wash with mild soap and water. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. **INGESTION:** This product contains gypsum plaster. Plaster hardens when wetted and if ingested, may result in obstruction. Call physician. Never give anything by mouth to an unconscious person.

## SECTION VI REACTIVITY DATA

<b>Stability</b>	<b>Unstable</b>		<b>Conditions to Avoid</b>	Moisture - sets to a harden mass.
	<b>Stable</b>	X		

**Incompatibility (Materials to Avoid)** Acids.

**Hazardous Decomposition Products** When heated to decomposition (above 1400°C), emits toxic fumes of oxides of sulfur and calcium oxide dust.

<b>Hazardous Polymerization</b>	<b>Conditions to Avoid</b>		Not applicable.
	<b>May Occur</b>	<b>Will Not Occur</b>	
		X	

## SECTION VII SPILL OR LEAK PROCEDURES

**Steps to be taken in case material is released or spilled** Sweep up, avoid creating excessive dust. If washed down, may plug drains. If already mixed with water, scrape up and wash down residue.

**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. Dispose of in a sanitary landfill in accordance with local, state and federal regulations.

## SECTION VIII SPECIAL PROTECTION INFORMATION

**Respiration Protection (Specify Type)** Use a NIOSH/MSHA-approved dust respirator.

<b>Ventilation</b>	<b>Local Exhaust</b>	<b>Recommended.</b>	<b>Special</b>	No.
	<b>Mechanical (General)</b>	<b>Recommended.</b>	<b>Other</b>	No.

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

**Other Protective Equipment** Lab coat, apron, eye wash station, proper gloves, ventilation hood.

## SECTION IX SPECIAL PRECAUTIONS

**Precautions to be Taken in Handling & Storing** Keep dry. Dew point conditions or other conditions causing presence of liquid will harden this material during storage. 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. Wash thoroughly after handling. Remove and wash contaminated clothing.

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

<b>Revision</b> No. 2	<b>Date</b> 11/3/98	<b>Approved</b> Michael Raszeja	<b>Chemical Safety Coordinator</b> 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

<b>Product</b>	DOLL HOUSE STUCCO	 <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> Health 1 Fire 0 Reactivity 0
<b>Chemical Synonyms</b>	Durabond	
<b>Formula</b>	Mixture. See Section II.	
<b>Unit Size</b>	8 oz.	
<b>C.A.S. No.</b>	Mixture. See Section II.	

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Plaster of Paris: (CAS No. 7778-18-9)	55-90%	10 mg/m <sup>3</sup>
Calcium Carbonate: (CAS No. 1317-65-3)	0-25%	10 mg/m <sup>3</sup>
Mica: (CAS No. 12001-26-2)	0-18%	3 mg/m <sup>3</sup>
Perlite: (CAS No. 93763-70-3)	0-12%	10 mg/m <sup>3</sup>
Attapulgite Clay: (CAS No. 1332-58-7)	0-9%	10 mg/m <sup>3</sup>

## SECTION III PHYSICAL DATA

<b>Melting Point (°F)</b>	-H <sub>2</sub> O @ 128°C (262°F)	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	2.79 @ 20°C
<b>Boiling Point (°F)</b>	None listed.	<b>Percent Volatile by Volume (%)</b>	Non-volatile (NA).
<b>Vapor Pressure (mm Hg)</b>	Negligible as solid.	<b>Evaporation Rate</b>	(=1) Non-volatile (NA).
<b>Vapor Density (Air=1)</b>	Data not listed.		
<b>Solubility in Water</b>	0.23 grams in 100 mL. of water at 20°C.		
<b>Appearance &amp; Odor</b>	Off white to gray powder; low odor. Hygroscopic.		

## 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	<b>Lower</b>	<b>Upper</b>
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**Extinguisher Media** Use any media suitable for extinguishing supporting fire.

**SPECIAL FIREFIGHTING PROCEDURES** None.

**UNUSUAL FIRE AND EXPLOSION HAZARDS** None.

D.O.T. NON-REGULATED.

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