



## MATERIAL SAFETY DATA SHEET

SECTION I - MANUFACTURER'S INFORMATION	
Product Name: CRYSTAL SERIES	DOT Hazardous Class: <b>Not Regulated</b>
Product Class: <b>Cement Based Swimming Pool Finish</b>	Information Phone: <b>(800) 432-5097</b>
Manufacturer: <b>Premix-Marbletite</b>	Emergency Phone: <b>(800) 432-5097</b>
<b>1259 N.W. 21<sup>st</sup> Street</b>	Date Prepared: <b>June 9, 2003</b>
<b>Pompano Beach, FL 33069</b>	Prepared By: <b>Premix-Marbletite personnel</b>

SECTION II - HAZARDOUS INGREDIENTS				
Hazardous Components	CAS #	OSHA PEL - mg/m <sup>3</sup>	ACGIH TLV - mg/m <sup>3</sup>	% By Weight
Calcium Carbonate	1317-65-3	10	10	65 - 75
Portland Cement	65997-15-1	5	10	25 - 35

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS			
Boiling Point:	NA	Vapor Density (Air = 1):	NA
Melting Point:	NA	Vapor Pressure (mm Hg):	NA
Specific Gravity (H <sub>2</sub> O = 1):	<b>2.40 – 2.60</b>	Evaporation Rate (Butyl Acetate = 1):	NA
Solubility in Water: <b>Miscible</b>			
Appearance and Odor: <b>White aggregated powder with slight odor</b>			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA			
Flash Point: NA	Flammable Limits: <b>Non-Flammable</b>	LEL: NA	UEL: NA
Extinguishing Media: <b>Suitable material for surrounding fire</b>		Autoignition Temperature: NA	
Special Fire Fighting Procedures: <b>SCBA, full protective gear</b>			
Unusual Fire and Explosion Hazards: NA			

SECTION V - REACTIVITY DATA		
Stability		
Unstable:	Stable: <b>X</b>	Conditions to Avoid: <b>Unintentional contact with water</b>
Incompatibility (Materials to Avoid): <b>Acids, ammonium salts and phosphorus</b>		
Hazardous Decomposition or Byproducts: <b>C0, C0<sub>2</sub></b>		
Hazardous Polymerization		
May Occur:	Will Not Occur: <b>X</b>	Conditions to Avoid: <b>None</b>

SECTION VI - HEALTH HAZARD DATA			
<b>Route of Entry</b>			
Eyes: <b>May cause irritation, redness, tearing or blurred vision.</b>			
Skin: <b>Irritating to sensitive skin. May cause reddening or slight rash.</b>			
Ingestion: <b>May cause nausea, vomiting, diarrhea, irritation and burns to stomach, mouth, throat, etc.</b>			
Inhalation: <b>Portland cement may contain trace amounts of free crystalline silica. Prolonged exposure to respirable silica (quartz) dust may cause delayed (chronic) lung injury. Exposure to portland cement may cause irritation to the moist mucous membranes of the nose, throat, and upper respiratory system.</b>			
<b>Health Hazards</b>			
Carcinogenicity: <b>No</b>	NTP: <b>No</b>	IARC Monographs: <b>No</b>	OSHA Regulated: <b>No</b>
Signs and Symptoms of Exposure: <b>Burning eyes or skin and difficulty breathing</b>			
Medical Conditions Generally Aggravated by Exposure: <b>Existing eye conditions or respiratory infections. Sensitive skin may become irritated.</b>			
<b>Emergency and First Aid Procedures</b>			
Eyes: <b>Flush open eyes with water for at least 15 minutes. If irritation persists seek medical attention.</b>			
Skin: <b>Wash with mild soap and water. If skin irritation, reddening or a rash occurs, seek medical attention.</b>			
Ingestion: <b>Seek medical attention immediately; untrained first aid personnel should not attempt to administer aid.</b>			
Inhalation: <b>If respiratory irritation occurs, move to fresh air. If irritation continues seek medical attention.</b>			

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE
Steps to be Taken in Case Material is Released or Spilled: <b>Sweep and transfer dry product to containers. Place wet product in proper containers and allow product to harden. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.</b>
Waste Disposal Method: <b>According to local, state and federal regulations.</b>
Precautions to be Taken in Handling and Storage: <b>Store in a cool dry location, out of direct sunlight.</b>
Other Precautions: <b>This product is designed to be used by professionals familiar with the requirements of this MSDS. California Proposition 65 - This product contains trace amounts of silica sand, a chemical known to the State of California to cause cancer.</b>

SECTION VIII - CONTROL MEASURES
Respiratory Protection: <b>Not required for normal use of this product. When mixing the dry product and sawing or sanding the cured product, wear a MSHA / NIOSH approved respirator where exposure limits are exceeded.</b>
Ventilation: <b>Recommended; local or mechanical ventilation when using the product or sawing and sanding product in dry state.</b>
Protective Gloves: <b>Recommended; waterproof chemical resistant gloves.</b>
Eye Protection: <b>Recommended; chemical splash goggles.</b>
Other Protective Clothing or Equipment: <b>Recommended; splash bib and protective clothing.</b>
Work / Hygienic Practices: <b>Remove and wash contaminated clothing. Wash hands before eating or smoking.</b>

The data set forth in this sheet is based on information provided by the suppliers of the raw materials used in the manufacturing of the aforementioned product. Premix-Marbletite makes no warranty with respect to the accuracy of the information provided by their suppliers and disclaims all liability of reliance thereof.

Premix-Marbletite warrants only that its products conform to their published specifications and no other expressed warranty is made with regard thereto. We do not guarantee favorable results and we assume no liability in connection with the use of this product. This product is intended for use by persons having technical skill and knowledge, at their own discretion and risk.

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NA = Not Applicable

NE = Not Established