

(18)

**Material Safety Data Sheet**

May be used to comply with  
 OSHA's Hazard Communication Standard,  
 29 CFR 1910.1200. Standard must be  
 consulted for specific requirements.

**U.S. Department of Labor**

Occupational Safety and Health Administration  
 (Non-Mandatory Form)  
 Form Approved  
 OMB No. 1218-0072

**IDENTITY (As Used on Label and List)**  
 Dycal Catalyst

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

**Section I**

Manufacturer's Name Caulk/Dentsply	Emergency Telephone Number (302) 422-4511
Address (Number, Street, City, State, and ZIP Code) Lakeview & Clarke Avenues	Telephone Number for Information (302) 422-4511
Milford, DE 19963-0359	Date Prepared 1/13/87
	Signature of Preparer (optional)

**Section II — Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Calcium Hydroxide		5 mg/m <sup>3</sup> TWA		
Zinc Oxide		5 mg/m <sup>3</sup> TWA		

**Section III — Physical/Chemical Characteristics**

Boiling Point	N.A.	Specific Gravity (H <sub>2</sub> O = 1)	1.82
Vapor Pressure (mm Hg.)	N.A.	Melting Point	N.E.
Vapor Density (AIR = 1)	N.A.	Evaporation Rate (Butyl Acetate = 1)	N.A.

**Solubility in Water**

Slightly

**Appearance and Odor**

White, creamy paste with slight odor

**Section IV — Fire and Explosion Hazard Data**

Flash Point (Method Used) N.A.	Flammable Limits N.A.	LEL N.A.	UEL N.A.
<b>Extinguishing Media</b>			
Carbon dioxide, Halon			

**Special Fire Fighting Procedures**

None

**Unusual Fire and Explosion Hazards**

None

(Reproduce locally)

N.A. Data does not apply to this product.

N.E. Value has not been established for this product.

OSHA 174, Sept. 198

## Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
Stable	X	None	

Incompatibility (Materials to Avoid)

Avoid contact of catalyst paste with strong acids.

Hazardous Decomposition or Byproducts

None

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	None

## Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	No	Yes	Possibly

Health Hazards (Acute and Chronic) May cause minor skin irritation (redness). Avoid prolonged or repeated contact with skin.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	No	No	No

Signs and Symptoms of Exposure Minor skin irritation (redness)

Medical Conditions Generally Aggravated by Exposure

Skin irritation and redness

Emergency and First Aid Procedures Wash thoroughly with soap and water if prolonged contact is made. If irritation persists please consult a physician.

## Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Wipe up with clean cloth or paper towel before material hardens. Scrub area with alcohol.

Waste Disposal Method Approved landfill

Precautions to Be Taken in Handling and Storing Store at room temperature. Avoid storage below 20°C (68°F) or above 50°C (122°F)

Other Precautions None

## Section VIII — Control Measures

Respiratory Protection (Specify Type)

Local exhaust

Ventilation	Local Exhaust Yes	Special N.A.
Local exhaust	Mechanical (General) N.A.	Other N.A.

Protective Gloves	Rubber gloves	Eye Protection Safety shield
-------------------	---------------	---------------------------------

Other Protective Clothing or Equipment Rubber apron

Work/Hygienic Practices Wash hands with soap and water. Avoid excessive contact with skin.

N.A. Data does not apply to this product.

N.E. Value has not been established for this product.