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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)  
URELON powder

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 ESPE GmbH & Co., KG	Emergency Telephone Number (213) 2773800
Address (Number, Street, City, State, and ZIP Code) D-8031 Seefeld/Oberbay.	Telephone Number for Information (305) 586-7500
West Germany	Date Prepared 31.08.87
	Signature of Preparer (optional) B. Bueget

### Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
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(dust)				
Zinc oxide	NA	5 mg/m <sup>3</sup>	NA	92

### Section III — Physical/Chemical Characteristics

Boiling Point NA	Specific Gravity (H <sub>2</sub> O = 1) Above 1.0
Vapor Pressure (mm Hg.) NA	Melting Point NE
Vapor Density (AIR = 1) NA	Evaporation Rate (Butyl Acetate = 1) NA
Solubility in Water Insoluble	
Appearance and Odor Slightly pink powder, slight, characteristic odor.	

### Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) NA	Flammable Limits NA	LEL	UEL
Extinguishing Media NA			
Special Fire Fighting Procedures NA			

Unusual Fire and Explosion Hazards

Stable

X

Incompatibility (Materials to Avoid)  
None

Hazardous Decomposition or Byproducts  
NE

Hazardous  
Polymerization

May Occur

Conditions to Avoid

Will Not Occur

X

## Section VI — Health Hazard Data

Route(s) of Entry:

Inhalation?

Skin?

Ingestion?

May be possible

NE

May inadvertently be possible

Health Hazards (Acute and Chronic)

Contact with eyes causes irritation, long skin contact desiccation, excessive inhalation coughing, ingestion may cause local irritation.

Carcinogenicity:

NTP?

NA

IARC Monographs?

NA

OSHA Regulated?

NA

Signs and Symptoms of Exposure

See "Health Hazards"

Medical Conditions

Generally Aggravated by Exposure

Unknown

Emergency and First Aid Procedures

See enclosure\*

## Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Scrape up and discard in a suitable container.

Waste Disposal Method

Disposal must be carried out in accordance with federal, state and local regulations.

Precautions to Be Taken in Handling and Storing

Store in a cool, dry area away from foodstuff and beverages.

Other Precautions

Handling of the product exclusively by dental specialists according to the instructions for use.

## Section VIII — Control Measures

Respiratory Protection (Specify Type)

NR

Ventilation

Local Exhaust

Special

NR

Mechanical (General)

Other

Protective Gloves

NR

Eye Protection

Safety goggles

Other Protective Clothing or Equipment

NR

Work/Hygiene Practices

Avoid eye contact.

Enclosure to MSDS of:

DURELON powder

• Emergency and First Aid Procedures:

Eye contact : Flush promptly with flowing water. If irritation develops, consult a physician.

Skin contact : Wash area with mild soap and water.

Inhalation : NR

Ingestion : Drink plenty of water. If irritation develops, consult a physician.

NA = Not applicable

NE = Not established

NR = Not required

