



# MATERIAL SAFETY DATA SHEET

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HEALTH 0 MINIMAL

FLAMMABILITY 1 SLIGHT

REACTIVITY 2 MODERATE

SPECIAL NOTICE

4 EXTREME

3 SERIOUS

(ACCORDING TO THE NFPA TABLES)

## **SECTION I – IDENTIFICATION OF SUBSTANCE**

**PRODUCT NAME:** SURGICAL CEMENT (POWDER)

**DESCRIPTION OF PRODUCT:** SURGICAL CEMENT, FOR DENTAL PROFESSIONALS ONLY

SECTION II – COMPOSITION /DATA ON COMPONENTS			
INGREDIENTS	%	CAS.NO.	
ZINC OXIDE	80-90	1314-13-2	

(NO DANGEROUS COMPONENTS)

SECTION III – HAZARD IDENTIFICATION				
EMERGENCY OVERVIEW: MATERIAL MAY BE IRRI RESPONSES ARE KNOWN.	ITATING TO EYES. NO SIGNIFICANT HAZARDS FOR EMERGENCY			
HAZARD DESCRIPTION	SLIGHT IRRITATING TO EYES AND SKIN.			

SECTION IV - FIRST AID MEASURES			
SKIN	IMMEDIATELY WASH WITH SOAP AND WATER AND RINSE THOROUGHLY.		
EYE	RINSE OPENED EYE FOR SEVERAL MINUTES UNDER RUNNING WATER. IF SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION.		
INHALATION	SUPPLY FRESH AIR; SEEK MEDICAL ATTENTION IF SYMPTOMS PERSIST.		
INGESTION	RINSE MOUTH OUT AND THEN DRINK PLENTY OF WATER. IF SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION.		

SECTION V - FIRE FIGHTING MEASURES			
EXTINGUISHING MEDIA	WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE.		
EXTINGUISHING MEDIA TO AVOID:	WATER WITH FULL JET.		





FLASPOINT METHOD:	NOT APPLICABLE		
PROTECTION AND PROCEDURES FOR FIREFIGHTERS:	FIREFIGHTERS SHOULD WEAR SELF-CONTAINED RESPIRATORY PROTECTIVE DEVICES.		
UNUSUAL FIRE AND EXPLOTION HAZARDS:	DURING A FIRE, FORMATION OF TOXIC AND/OR IRRITATING COMPOUNDS MAY BE PRESENT.		
SECTION VI – ACCIDENTAL RELEASE MEASURES			
CONTAINMENT TECHNIQUES: MATERIAL IS A SOLID AND AS SUCH CONTAINMENT IS LIMITED TO STEP TO REDUCE DUST.			
SPILLS/LEAKS	WEAR PROTECTIVE CLOTHING AND SCOOP UP BULK MATERIAL AND PLACE IN A LABELED PLASTIC OR METAL CONTAINER.		
SECTION VII – HANDLING AND STORAGE			
HANDLING PRACTICES AND WARNINGS:	PRODUCT IS INTENDED FOR DENTAL USE ONLY. HANDLING OF THIS PRODUCT SHOULD BE BY TRAINED DENTAL HEALTHCARE PROFESSIONALS ONLY. OBSERVE NORMAL CARE FOR WORKING WITH CHEMICALS		
STORAGE PRACTICES AND WARNINGS:	STORE ONLY IN THE ORIGINAL PACKAGE. KEEP PACKAGE TIGHTLY SEALED. STORE IN A DRY AREA. STORE A WAY FROM FOOD AND BEVERAGES.		

SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION			
EYE /FACE	SAFETY GLASSES (PATIENT).		
SKIN	GLOVES		
INHALATION	NOT REQUIRED.		
BODY PROTECTION	PROTECTIVE WORK CLOTHING.		

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES			
APPEARANCE:	DRY POWDER	ODOR:	MILD ODOR
COLOR:	PALE PINK	SPECIFIC GRAVITY:	N/A:
MELTING POINT:	N/A	VAPOR PRESSURE (mm Hg):	N/A
рН:	N/A	SOLUBILITY IN WATER:	PARTIALLY SOLUBLE

SECTION X- STABILITY AND REACTIVITY			
STABILITY:	THE PRODUCT IS STABLE		





INCOMPATIBILITY (MATERIALS TO AVOID):	STRONG ACIDS, STRONG OXIDIZING AGENTS.
HAZARDOUS PRODUCTS PRODUCED DURING DECOMPOSITION:	OXIDES OF ZINC
CONDITIONS TO AVOID	NONE KNOWN

## SECTION XI – TOXICOLOGICAL INFORMATION

TOXICITY DATA, EPIDEMIOLOGY STUDIES, CARCINOGENICITY, NEUROLOGICAL EFFECTS, GENETIC EFFETS REPRODUCTIVE EFFECTS, OR STRUCTURE ACTIVITY DATA:
NOT APPLICABLE

EMERGENCY OVERVIEW: MATERIAL MAY BE MILDLY IRRITATING TO EYES.

ROUTES OF EXPOSURE	SINGNS AND SYMPTOMS	SINGLE, REPEATED OR LIFETIME EXPOSURE	SEVERITY (MILD, MODERATE, SEVERE)	ACUTE AND CHRONIC HEALTH EFFECT (S)	TARGET ORGAN (S)
EYE	MATERIAL MAY CAUSE SLIGHT TRANSIENT (TEMPORARY) IRRITATION	SINGLE AND REPEATED	MILD	IRRITATION AND POSSIBLE CORNEAL DAMAGE DUE TO THE FILLERS USED IN THE PRODUCT	NOT APPLICABLE
SKIN	MATERIAL MAY BE AN IRRITANT AFTER REPEATED AND PROLONGED EXPOSURE	REPEATED	MILD	IRRITATION OR POSSIBLE ALLERGIC RESPONSE	NOT APPLICABLE
INHALATION	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE
INGESTION	MATERIAL IS PROBABLY NOT HARMFUL IF SWALLOWED	NOT APPLICABLE	MILD	NOT APPLICABLE	NOT APPLICABLE
OTHER	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE

## SECTION XII - ECOLOGICAL INFORMATION

TOXICITY DATA, ENVIROMENT FATE, PHYSICAL/CHEMICAL DATA, OR OTHER DATA SUPPORTING ENVIRONMENTAL HAZARD STATEMENTS: WATER HAZARD CLASS I (SELF-ASSESSMENT): SLIGHTLY HAZARDOUS FOR WATER. DO NOT ALLOW PRODUCT TO REACH GROUND WATER, WATER STREAMS OR SEWAGE SYSTEM

#### SECTION XIII - DISPONSAL CONSIDERATION

REGULATIONS: MUST NOT BE DISPOSED OF TOGETHER WITH HOUSEHOLD GARBAGE. DISPOSE OF MATERIAL AS SOLID WASTE IN A CLOSED CONTAINER.

DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

PROPERTIES (PHYSICAL/CHEMICAL) AFFECTING DISPOSAL: DISPOSE OF MATERIAL AS SOLID WASTE IN A CLOSED CONTAINER

## SECTION XIV - TRANSPORT INFORMATION

(ACCORDING OF CODE OF FEDERAL REGULATION TO TRANSPORTATION N°49)





## **SECTION XV – REGULATORY INFORMATION**

THIS PRODUCT IS A MEDICAL DEVICE AND NOT SUBJECT TO CHEMICAL NOTIFICATION REQUIREMENTS. REGULATED FOR SHIPPING: NOT REGULATED

## **SECTION XVI – OTHER INFORMATION**

THE SAFETY DATA SHEET IS REVISED IN ORDER TO: THE INFORMATION IN THIS SAFETY DATA SHEET IS BASED UPON OUR PRESENT KNOWLEDGE. THE INFORMATION IS PRESENTED WITH THE INTENTION OF DISCRIBING THE SAFEST WAY OF HANDLING THE PRODUCT. THE SAFETY DATA SHEET IS THEREFORE NOT TO BE REGARDED AS A COMPLETE CHEMICAL DESCRIPTION OF THE PRODUCT.

<sup>\*</sup> N/E: NOT ESTABLISHED, N/A: NOT AVAILABLE, N/R: NOT REGULATED BY IARC