

MATERIAL SAFETY DATA SHEET  
TELEDYNE GETZ

1043  
155

IDENTITY: ZINC PHOSPHATE POWDERS

Section I - Teledyne Getz Product Codes

ITEM NO. 054041 054042 054043 054044 054045 054046 054047 054111  
054112 054113 054114 054115 054116 054117 054166 054332  
054416 055022 055023 055024 055025 055026 055027 055056  
055057 055058 055059 055060 055061 055091 055092 055093  
055094 055095 055096

MANUFACTURER:

TELEDYNE GETZ

1550 GREENLEAF AVENUE

ELK GROVE VILLAGE IL 60007-5548

EMGCY PHONE: (800)-424-9300

INFO.PHONE: (708)-593-3334

DATE PREPARED: 12/03/92

Section II - Hazardous Ingredients/Identity Information

Hazardous Components	CAS NUM	OSHA FEL	ACGIH TLV	%
----------------------	------------	-------------	--------------	---

AMES CROWN, BRIDGE AND INLAY CEMENT POWDER DOES NOT CONTAIN  
HAZARDOUS INGREDIENTS

Section III - Physical/Chemical Characteristics

Boiling Point: NOT APPLICABLE Specific Gravity: VARIES DEPENDING  
ON PROCESSING

Vapor Pressure: NOT APPLICABLE Melting Point: SUBLIMES > 1800°C  
(ZINC OXIDE)

Vapor Density: NOT APPLICABLE Evaporation Rate: NOT APPLICABLE

Solubility in Water: LESS THAN 2% WHEN MIXED WITH CEMENT LIQUID

Appearance and Odor: NO ODOR

Section IV - Fire and Explosion Hazard Data

Flash Point: NOT FLAMMABLE

Flammable Limits: NOT APPLICABLE

Extinguishing Media: NOT APPLICABLE

Special Fire Fighting Procedures: NOT APPLICABLE

Unusual Fire and Explosion Hazards: NONE

Section V - Reactivity Data

Stability: Unstable ( ) (conditions to avoid)

stable (X)

Compatibility: (materials to avoid) STRONG OXIDIZERS

Hazardous Decomposition or Byproducts: NONE. THE MANUFACTURING  
PROCESS REMOVES ANY POSSIBLE HAZARDOUS VOLATILES AND FORMS  
METALLIC/NON-METALLIC OXIDES.

243

MATERIAL SAFETY DATA SHEET  
TELEDYNE GETZ

IDENTITY: ZINC PHOSPHATE POWDERS

Hazardous may occur ( ) (conditions to avoid)  
Polymerization: will not occur (X)

Section VI - Health Hazard Data

Route(s) of Entry: Inhalation YES Skin NO Ingestion YES

Health Hazards (acute & chronic): NO INHALATION HAZARD, EXCEPT AS  
NUISANCE DUST. ACTUAL EXPOSURE TLV IS THE INERT DUST VALUE OF  
15 mg/m3

Carcinogenicity: NTP IARC OSHA

Signs & Symptoms of Exposure: IRRITATED OR REDDENED SKIN DUE TO  
DRYNESS, ABRASION

Medical Conditions

Aggravated by Exposure: POSSIBLE COMPLICATION OF RESPIRATORY  
PROBLEMS.

Emergency First Aid Procedures: IF THERE IS EYE CONTACT FLUSH  
EYES WITH WATER TO REMOVE DUST. WASH SKIN WITH SOAP AND WATER TO  
REMOVE DUST. IF INHALED REMOVE TO FRESH AIR AWAY FROM DUST.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: SWEEP UP  
SPILLED MATERIAL WITH A BROOM OR DUST MOP. A WET MOP CAN BE  
USED TO PICK UP ANY RESIDUAL DUST.

Waste Disposal Method: DISPOSE OF AS ORDINARY WASTE. AMES CEMENT  
POWDER IS NOT A HAZARDOUS MATERIAL.

Precautions to be Taken for Handling and Storage: STORE AMES ZINC  
PHOSPHATE CEMENT POWDER IN A TIGHTLY CLOSED BOTTLE TO PROLONG  
SHELF LIFE. ATMOSPHERIC CO2 WILL REACT SLOWLY WITH THE METALLIC  
OXIDES IN THE CEMENT, RENDERING IT USELESS

Other Precautions: UN 1805, Phosphoric Acid, Corrosive, Class 8

Section VIII - Control Measures

Respiratory Protection: NONE NEEDED UNDER NORMAL CONDITIONS OF  
USE. USE A U.S. BUREAU OF MINES APPROVED OR EQUIVALENT TYPE DUST  
MASK WHEN LARGE QUANTITIES OF POWDER ARE TO BE USED.

Ventilation: Local Exhaust: RECOMMENDED Special: OPTIONAL

Mechanical: OPTIONAL Other:

MATERIAL SAFETY DATA SHEET  
TELEDYNE GETZ

3 of 3

IDENTITY: ZINC PHOSPHATE POWDERS

Protective Gloves: OPTIONAL Eye Protection: RECOMMENDED

Other Protective Clothing or Equipment: APRON OR LAB COAT TO KEEP DUST FROM CLOTHES.

Work/Hygienic Practices: NORMAL HYGIENIC WORK PRACTICES AVOIDING DIRECT CONTACT AND INHALATION ARE USUALLY SUFFICIENT.

\*\*\*\*\*  
THESE DATA ARE OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE. THE RECOMMENDED HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTENT OF THE INTENDED USE.  
\*\*\*\*\*

M S D S