



## SAFETY DATA SHEET

### Ferritan Zinc Ferrites

#### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME Ferritan Zinc Ferrites  
 PRODUCT NO. FZF  
 SYNONYMS, TRADE NAMES FZ-1000, FZ-1500  
 SUPPLIER Elementis Pigments,  
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#### 2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
Tan Zinc Ferrite	235-052-5	12063-19-3	100%	-

The Full Text for all R-Phrases are Displayed in Section 16

GROSS FORMULA ZnO.Fe<sub>2</sub>O<sub>3</sub>

#### 3 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

#### 4 FIRST-AID MEASURES

##### GENERAL INFORMATION

Contaminated clothing should be removed and washed before being re-used.

##### INHALATION

Remove victim immediately from source of exposure. Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

##### INGESTION

Rinse mouth thoroughly with water. Victims who are not unconscious should drink large quantities of milk or water, or self induce vomiting (e.g. by sticking own finger into the throat). NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Get medical attention if any discomfort continues.

##### SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

##### EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

#### 5 FIRE-FIGHTING MEASURES

##### EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials. Use: Water spray, fog or mist. Foam. Carbon dioxide (CO<sub>2</sub>). Dry chemicals, sand, dolomite etc. The product is non-combustible.

##### SPECIAL FIRE FIGHTING PROCEDURES

No specific fire fighting procedure given.

##### UNUSUAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

##### PROTECTIVE MEASURES IN FIRE

Wear self-contained breathing apparatus if this product is involved in a fire.

## Ferritan Zinc Ferrites

### 6 ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS**

Wear protective clothing if dust in the atmosphere is a problem.

**ENVIRONMENTAL PRECAUTIONS**

Avoid washing into water courses. Avoid contaminating public drains or water supply.

**SPILL CLEAN UP METHODS**

Avoid dust formation. Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into closed container.

### 7 HANDLING AND STORAGE

**USAGE PRECAUTIONS**

Avoid handling which leads to dust formation.

**STORAGE PRECAUTIONS**

No special storage precautions noted.

**STORAGE CLASS**

Unspecified storage.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
Tan Zinc Ferrite	NUI	-	-	-	-

**INGREDIENT COMMENTS**

NUI = Nuisance Dust.

The UK HSE guidance note EH40, recommends adequate control of exposure to dusts and where there is no indication of the need for a lower value, personal exposure should be kept below:-

8h TWA 10 mg/m3 total inhalable dust.

8h TWA 4 mg/m3 respirable dust

**PROTECTIVE EQUIPMENT**



**PROCESS CONDITIONS**

Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station.

**ENGINEERING MEASURES**

Provide adequate general and local exhaust ventilation.

**RESPIRATORY EQUIPMENT**

No specific recommendation made, but protection against nuisance dust must be used when the general level exceeds 10 mg/m3.

**HAND PROTECTION**

Use suitable protective gloves if risk of skin contact.

**EYE PROTECTION**

Wear dust resistant safety goggles where there is danger of eye contact.

**OTHER PROTECTION**

Wear appropriate clothing to prevent repeated or prolonged skin contact.

**HYGIENE MEASURES**

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals . Change work clothing daily before leaving work place.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Powder, dust
COLOUR	Tan
ODOUR	Odourless
SOLUBILITY	Insoluble in water

**Ferritan Zinc Ferrites**

RELATIVE DENSITY 5.7 @ 20 °c

**10 STABILITY AND REACTIVITY**

## STABILITY

No particular stability concerns.

## CONDITIONS TO AVOID

Not known.

## MATERIALS TO AVOID

No incompatible groups noted.

## HAZARDOUS DECOMPOSITION PRODUCTS

No hazardous decomposition products.

**11 TOXICOLOGICAL INFORMATION**

## GENERAL INFORMATION

No specific health warnings noted.

## INHALATION

No specific health warnings noted.

## INGESTION

No specific health warnings noted.

## SKIN CONTACT

Powder may irritate skin.

## EYE CONTACT

May cause irritation.

## OTHER HEALTH EFFECTS

This substance has no evidence of carcinogenic properties.

## MEDICAL SYMPTOMS

Prolonged or repeated exposure may cause: Skin irritation. Irritation of eyes and mucous membranes.

**12 ECOLOGICAL INFORMATION**

## ECOTOXICITY

Not regarded as dangerous for the environment.

**13 DISPOSAL CONSIDERATIONS**

## DISPOSAL METHODS

Recover and reclaim or recycle, if practical. Contact specialist disposal companies. Dispose of waste and residues in accordance with local authority requirements.

**14 TRANSPORT INFORMATION**

## GENERAL

Not classified as dangerous for transport purposes.

No transport warning sign required.

## ROAD TRANSPORT NOTES

Not classified as dangerous for road transport.

## RAIL TRANSPORT NOTES

Not classified as dangerous for rail transport.

## SEA TRANSPORT NOTES

Not classified as dangerous for sea transport.

## AIR TRANSPORT NOTES

Not classified as dangerous for air transport.

## UN NO. ROAD

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**15 REGULATORY INFORMATION**

## RISK PHRASES

NC Not classified.

## SAFETY PHRASES

P13 Safety data sheet available for professional user on request.

## Ferritan Zinc Ferrites

### UK REGULATORY REFERENCES

Chemicals (Hazard Information & Packaging) Regulations 1996.

### EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC.

### GUIDANCE NOTES

UK HSE guidance note EH40, Workplace Exposure Limits.

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## 16 OTHER INFORMATION

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### GENERAL INFORMATION

See technical literature for details of suitable applications of this product.

### REVISION COMMENTS

Directive 2001/58/EC

REV. NO./REPL. SDS GENERATED 2/01-2003

SDS NO. FZF

DATE 12/04/06

### RISK PHRASES IN FULL

NC Not classified.

### DISCLAIMER

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