

Trade Name:

Chemical Formula:

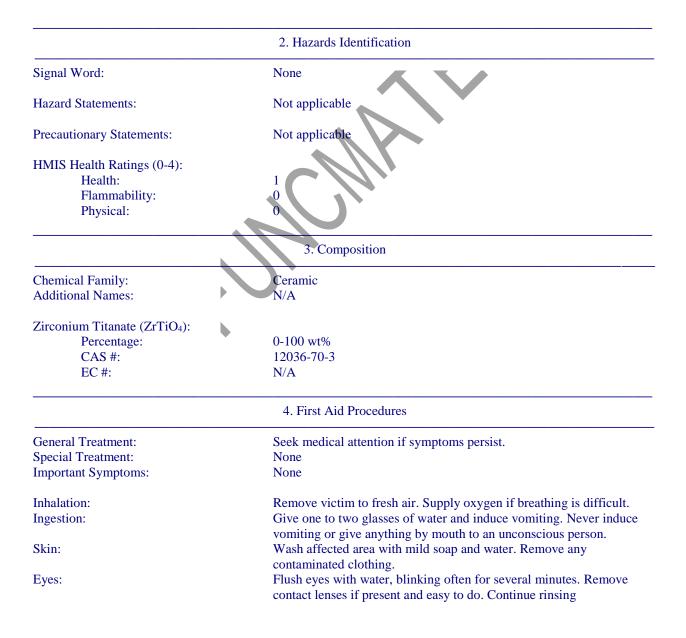
Recommended Use:

## XI'AN FUNCTION MATERIAL GROUP CO., LTD Safety Data Sheet Zirconium Titanium Oxide

## 1. Product and Company Identification

Zirconium titanium oxide ZrTiO<sub>4</sub> Scientific research and development

Manufacturer/Supplier: Street: City: State: Zip Code: Country: Tel #: XI'AN FUNCTION MATERIAL GROUP CO., LTD No. 69, Gazelle Valley, High-Tech Zone XIAN SHAANXI 710077 CHINA +86-29-88993870/+86-13519132051



5. Firefighting Measures		
	Non-flammable, except as powder	
Extinguishing Media:	No special restrictions – use suitable extinguishing agent for	
Spec. Fire Fighting Procedure:	surrounding material and type of fire. Use full-face, self-contained breathing apparatus with full protective clothing to prevent contact with skin and eyes. See section 10 for decomposition products.	
	6. Accidental Release Measures	
If Material Is Released/Spilled:	Wear appropriate respiratory and protective equipment specified in special protection information. Isolate spill area and provide ventilation. Vacuum up spill using a high efficiency particulate absolute (HEPA) air filter and place in a closed container for disposal Take care not to raise dust.	
Environmental Precautions:	Isolate runoff to prevent environmental pollution.	
	7. Handling and Storage	
Handling Conditions: Storage Conditions:	Wash thoroughly after handling. Store in a cool dry place in a tightly sealed container. Store apart fron	
Work/Hygienic Maintenance:	materials and conditions listed in section 10. Do not use tobacco or food in work area. Wash thoroughly before eating and smoking. Do not blow dust off clothing or skin with	
Ventilation:	compressed air. Provide sufficient ventilation to maintain concentration at or below threshold limit.	
8.	Exposure Controls and Personal Protection	
Permissible Exposure Limits: Threshold Limit Value:	5 mg/m <sup>3</sup> as Zr compounds, long-term value N/A	
Special Equipment: Respiratory Protection: Protective Gloves: Eye Protection:	None Dust Respirator Rubber gloves Safety glasses or goggles	
Body Protection:	Protective work clothing. Wear close-toed shoes and long sleeves/pants.	
	9. Physical and Chemical Characteristics	
Color Form: Odor: Water Solubility: Boiling Point: Melting Point: Flash Point: Autoignition Temperature: Density:	White Powder, Granules, Pellets, Sputtering target, Custom parts Odorless Insoluble N/A >2500 °C N/A N/A N/A	
Molecular weight:	N/A N/A	

10. Reactivity	
Stability:	Stable under recommended storage conditions
Reacts With:	No dangerous reactions known
Incompatible Conditions:	None
Hazardous Decomposition Products:	None known
	11. Toxicological Information
Potential Health Effects:	
Eyes:	May cause irritation
Skin:	May cause irritation
Ingestion:	May cause irritation
Inhalation:	May cause irritation
Chronic:	N/A
Signs & Symptoms:	N/A
Aggravated Medical Conditions:	N/A
Median Lethal Dose:	N/A
Carcinogen:	N/A
	12. Ecological Information
Aquatic Toxicity:	Low
Persistent Bioaccumulation Toxicity:	No
Very Persistent, Very Bioaccumulative:	No
Notes:	Do not allow material to be released to the environment without proper
	governmental permits. Do not allow undiluted product of large quantities to reach ground water, water course or sewage system. May cause long lasting harmful effects to aquatic life.
	13. Disposal Considerations
Dispose of in accordance with local, state	e, national, and international regulations.
	14. Transportation Data
Hazardous:	Not hazardous for transportation.
Hazard Class:	N/A
Packing Group:	N/A
UN Number:	N/A
Proper Shipping Name:	N/A
	15. Regulatory Information
Sec 302 Extremely Hazardous:	No
Sec 302 Extremely Hazardous: Sec 304 Reportable Quantities: Sec 313 Toxic Chemicals:	

## 16. Other Information

This safety data sheet should be used in conjunction with technical sheets. It does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfill his obligations regarding the use of hazardous products.

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