

104000 - Vivianite, 0 - 120 µm

Revised edition: 24.09.2012

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier

Product Name: Vivianite, 0 - 120 µm
Article No.: 104000
Use of the Substance/Preparation: Artists' and Restoration Material

Details of the Supplier of the Safety Data Sheet

Company: Kremer Pigmente GmbH & Co. KG
Address: Hauptstrasse 41-47, D 88317 Aichstetten
Tel/Fax: Tel +49 7565 914480, Fax +49 7565 1606
Internet: www.kremer-pigmente.de, kremer-pigmente@t-online.de

2. Hazard Identification

Classification according to EC Regulation No.1272/2008

GHS Classification: This product does not require classification and labelling as hazardous according to CLP/GHS.

Classification according to EC Regulation No. 67/548 or No.1999/45

Hazard designation: The material is not subject to classification according to EC lists.

3. Composition/Information on Ingredients

Chemical Characterization: Natural mineral, ferric phosphate, Fe₃(PO₄)₂ • 8H₂O

4. First Aid Measures

Description of the First Aid Measures

After inhalation: Supply fresh air. Consult physician if symptoms persist.
After skin contact: If irritation continues consult a physician.
Wash off immediately with plenty of soap and water and rinse thoroughly.
After eye contact: Rinse open eye for several minutes under running water. Should irritation continue, seek medical advice.
General information: Seek medical attention in case of complaints.

Most Important Symptoms and Effects, both Acute and Delayed

Possible symptoms: No further information available.

Indication of any Immediate Medical Attention and Special Treatment needed

Information for physician: Treat symptomatically.

5. Fire-Fighting Measures

Extinguishing Media

Suitable extinguishing media: Use extinguishing media for surrounding fire.

Special Hazards arising from the Substance or Mixture

Special hazards: No information available.

Advice for Firefighters

Protective equipment: Wear self-contained respiratory protective device.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:	Ensure adequate ventilation.
Environmental precautions:	Prevent contamination of soil, drains and surface waters.
Methods and material for containment and cleaning up:	Dispose accordingly. Avoid dust formation.
Reference to other sections:	Dispose of contaminated material according to para 13.

7. Handling and Storage

Precautions for Safe Handling

Instructions on safe handling:	Avoid formation and deposition of dust. Provide adequate ventilation.
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Conditions for Safe Storage, including any Incompatibilities

Storage conditions:	Store in a cool and dry place.
Storage class (VCI):	10-13

8. Exposure Controls/Personal Protection

Technical protective measures:	Provide adequate ventilation in case of dust formation.
Parameters to be controlled (DE):	none

Personal Protective Equipment

General protective measures:	Do not inhale dust. Do not eat, drink or smoke while working. Wash hands before breaks and at the end of work.
Respiratory protection:	In case of formation of dust.
Hand protection:	Protective gloves
Protective glove material:	Please note the manufacturers' detailed statements, especially about the minimum thickness and the minimum breakthrough time.
Eye protection:	Safety glasses

9. Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

Form:	powder
Color:	blue
Odor:	odorless
Odor threshold:	No information available.
Melting temperature:	not available
Boiling temperature:	not available
Flash point:	not available
Ignition temperature:	not available
Explosion risk:	not available
Vapor pressure:	not applicable
Density:	2.6 - 2.7 g/cm ³
Solubility in water:	insoluble
Viscosity dynamic:	not applicable

10. Stability and Reactivity

Reactivity:	Stable if used according to specifications.
Chemical stability:	Stable if used according to specifications.
Hazardous reactions:	This material is considered to be stable.
Conditions to avoid:	No information available.
Incompatible materials:	None known.
Hazardous decomposition products:	No information available.

11. Toxicological Information

Information on Toxicological Effects

No toxicological effects known.

Primary effects

Irritant effect on skin:	No information available
Irritant effect on eyes:	Avoid contact with eyes.
Inhalation:	Avoid inhalation of dust.
Reproductive toxicity:	No negative effects.
Carcinogenicity:	No data available.
Mutagenicity:	No data available.
Specific target organ toxicity (STOT):	No data available.
Further toxicological effects:	No toxicological data available.

12. Ecological Information

Persistency and Degradability:	Methods for the evaluation of the biological degradability are not applicable for inorganic substances.
Bioaccumulation:	The product is not hazardous to the the aquatic system.
Mobility:	No data available.
<i>Ecological effects</i>	
Aquatic toxicity:	No toxicity expected.
Results of PBT and vPvB assessment:	No data available.
<i>Further information</i>	
Water hazard class:	0

13. Disposal Considerations

Waste Treatment Methods

Product:	Dispose of according to official national and local regulations.
Uncleaned packaging:	Dispose of according to official local regulations.

14. Transport Information

Further information:

Further Information:	Not classified as a dangerous good under transport regulations.
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15. Regulatory Information

Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

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Water hazard class: 0, not hazardous (self-assessment)

Chemical Safety Assessment

Chemical safety assessment: A Chemical Safety Assessment has not been carried out for this product.

16. Other Information

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations.

This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.