

27000 - Color Paste Titanium White

Revised edition: 24.11.2009

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

Identification of the Product

Product Name: Color Paste Titanium White
Article No.: 27000
Use of the Substance/Preparation: Artists' and Restoration Material

Company

Company: Kremer Pigmente GmbH & Co. KG
Address: Hauptstrasse 41-47, D 88317 Aichstetten
Tel/Fax: Tel +49 7565 91120, Fax +49 7565 1606
Internet: www.kremer-pigmente.de, kremer-pigmente@t-online.de

2. Hazard Identification

Hazard designation: Product is not considered to be hazardous according to EC Guideline 1999/45/EEC.

3. Composition/Information on Ingredients

Chemical Characterization: Titanium dioxide pigment suspension. Contains PW 6, C.I. 77891.
Hazardous Ingredients: Polyethylene glycol 4-9 %
CAS-Nr: 25322-68-3 EINECS-Nr: 500-038-2 EC-Nr:

4. First Aid Measures

After inhalation: Remove person to fresh air. In case of complaints consult a physician.
Give artificial respiration in case breathing is not regular or if it has stopped.
In case of unconsciousness, store, respectively transport in stable side position.

After skin contact: Wash with soap and rinse with plenty of water.
Remove contaminated clothing and shoes.
In case of skin irritation consult physician.
Wash contaminated clothing before reuse.
Clean contaminated shoes before reuse.

After eye contact: Remove contact lens. Rinse open eyes with plenty of water (10-15 min). Should irritation continue, seek medical advice.

After ingestion: Rinse mouth thoroughly with plenty of water. Do not induce vomiting. Consult physician immediately.
Drink water in small sips.
Never give anything to unconscious person.
In case of unconsciousness, store, respectively transport in stable side position.

5. Fire-Fighting Measures

Suitable extinguishing media: Foam, carbon dioxide (CO₂), extinguishing powder, water spray.
Protective equipment: Use self-contained breathing apparatus and full protective gear.
Special hazards: In case of fire: formation of carbon oxides and metal oxides.

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Special hazards: The container may burst when heated or in case of fire.

6. Accidental Release Measures

Personal precautions: Wear appropriate protective equipment. Keep spectators away.
Floor may be slippery; use care to avoid falling.

Environmental precautions: Do not discharge into drains, surface or ground water.
Contact local authorities if product pollutes soil or vegetation.

Methods of cleaning/absorption: Contain with inert absorbent material (e.g. sand, acid binder, universal binder, sawdust) and collect in appropriate containers for disposal.

7. Handling and Storage

Handling

Instructions on safe handling: Wear adequate protective clothing (see para. 8).
The usual precautionary measures are to be adhered to when handling chemicals.
Avoid contact with eyes, skin and clothing.

Storage

Storage conditions: Store the product in the original tightly sealed containers in a dry and cool place.
Protect against direct sunlight.
Should product turn cloudy, thicken or freeze it can be thawed at room temperature by stirring. Product can then be used as usual.

Storage compatibility: Do not store together with: foodstuff and animal feed.

Storage class (VCI): 10

8. Exposure Controls/Personal Protection

Additional information about design of technical systems: No further measures, see Section 7.
Ensure adequate ventilation, especially in confined areas.
Facilities storing or utilizing this material should be equipped with an eyewash and shower facility.

Personal protective equipment

General protective measures: Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of the shift.
Wash contaminated clothes before reuse.

Respiratory protection: In case of formation of dust/vapour.
Recommended: respiratory mask with an ABEK-filter.

Hand protection: Protective gloves
Protective glove material: Nitrile rubber (NBR), chloroprene rubber (CR), polyvinyl chloride (PVC).

Eye protection: Safety glasses with protective shields (EN 166).

9. Physical and Chemical Properties

Form: liquid
Color: white

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Odor:	weak, characteristic
Boiling temperature:	> 100°C (1013 hPa)
Flash point:	>100°C (>212°F)
Density:	2-2.2 g/cm ³
Solubility in water:	miscible
pH-Value:	6.0-8.0 (100 g/l H ₂ O)
Viscosity dynamic:	3000-5000 mPas (23°C; D=1/s)

10. Stability and Reactivity

Thermal decomposition/Conditions to be avoided:	No decomposition if used according to specifications.
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11. Toxicological Information

Acute toxicity

LD50, oral:	> 2000 mg/kg (rat)
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Primary effects

Irritant effect on skin:	Non irritating (rabbit)
Irritant effect on eyes:	Non-irritating to eyes (rabbit)

Further toxicological effects:	Result based on a product with similar composition.
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12. Ecological Information

Elimination (Persistency and Degradability):	< 10 %
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Ecological effects

Aquatic toxicity:	:
- Fish toxicity:	LC50: > 100 mg/l (96h, Brachydanio rerio)
- Bacteria toxicity:	EC50: > 100 mg/l

Further ecological effects:	Result based on a product with similar composition. Product does not contain relevant concentrations of heavy metals; does not contain nitrogen, phosphates or phosphor-organic compounds.
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AOX Value:	Product does not contain any organically bound halogens which influence the AOK value of discard water.
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Further information

Water hazard class:	1
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13. Disposal Considerations

Product:	In accordance with current regulations, product may be taken to waste disposal site or incineration plant, after consultation with site operator and/or with the responsible authority.
Uncleaned packaging:	Dispose according to product.

14. Transport Information



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Further information: Not classified as a dangerous good under transport regulations.
Protect bulk delivery below 5°C. Do not store together with foodstuffs.

15. Regulatory Information

Water hazard class: 1, slightly hazardous for water

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.