

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

Product Name: Pyramid-Yellow, Kremer Watercolor
Article No.: 233708
Use of the Substance/Preparation: Artists' and Restoration Material

Company

Company: Kremer Pigmente GmbH & Co. KG
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2. Hazard Identification

Hazard designation: No significant hazard.

3. Composition/Information on Ingredients

Chemical Characterization: Pigment Yellow 108 (C.I. No. 68420) in Carol Gillot's watercolor medium.
Watercolor medium:
Gum Arabic: CAS No. 9000-01-5; EINECS 2325195
Honey
Glycerol: 1,2,3-Trihydroxypropane CAS No.: 56-81-5; EINECS 200-895

4. First Aid Measures

After inhalation: Take affected person to fresh air and seek medical advice in case of complaints.
After skin contact: Remove contaminated clothing. Wash off immediately with plenty of water and soap.
After eye contact: Rinse open eyes with plenty of water for at least 15 minutes.
After ingestion: Rinse mouth and drink plenty of water.
Information for physician: Symptomatic treatment.

5. Fire-Fighting Measures

Suitable extinguishing media: Foam, extinguishing powder, water spray.
Unsuitable extinguishing media: Carbon dioxide (CO₂)
Protective equipment: Use self-containing breathing apparatus.
Special hazards: Formation of hazardous combustion gases or vapors possible in the event of fire.
Further information: Dispose of fire debris and contaminated extinguishing water in accordance with local regulations.

6. Accidental Release Measures

Personal precautions: Avoid dust formation, wear protective clothing.
Environmental precautions: Prevent contamination of soil, drains and surface waters.

Methods of cleaning/absorption: Clean up with suitable appliance and dispose adequately.
Contain with dust binding material and dispose accordingly.

7. Handling and Storage

Handling

Instructions on safe handling: Respiratory protection when handling without exhaust system.
Information on fire and explosion protection: Avoid dust formation. Protect against electrostatic charging.

Storage

Storage conditions: Store in tightly sealed containers in a dry and cool room.

8. Exposure Controls/Personal Protection

Additional information about design of technical systems: Provide adequate ventilation in case of dust formation.

Personal protective equipment

General protective measures: The usual precautionary measures are to be adhered to when handling chemicals.
Protective clothing recommended due to the coloring effects of the product.

Respiratory protection: Wear protective mask, particle filter P2 (for solid and liquid particles DIN 3181) if dust occurs.

Hand protection: Chemical protective gloves (EN 374).
The glove supplier's instructions must be followed due to the large variety of protective gloves.

Protective glove material: Nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinyl chloride (0.7 mm).

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

9. Physical and Chemical Properties

Form: solid
Color: yellow
Odor: odorless
Solubility in water: soluble

10. Stability and Reactivity

Thermal decomposition/Conditions to be avoided: Product decomposes above 350°C.
Avoid humidity.

Hazardous reactions: Risk of dust explosion.

Hazardous decomposition products: None if stored and handled according to specifications.

Further information: The results are based on the dry pigment.

11. Toxicological Information

Acute toxicity

LD50, oral:	> 5000 mg/kg
<i>Primary effects</i>	
Irritant effect on skin:	Non irritating (rabbit)
Irritant effect on eyes:	Non-irritating to eyes (rabbit)
Further toxicological effects:	The above data are based on the containing pigment.

12. Ecological Information

Elimination (Persistency and Degradability):	Can be eliminated from water by chemical adsorption.
Environmental Behaviour:	Due to its low solubility the product may be removed from water mechanically in suitable effluent treatment plants.
Behaviour in sewage system:	No impairment of the biodegradability of active sludge expected when small amounts are discharged in biological sewage plants.
Further ecological effects:	The above data are based on the containing pigment.
AOX Value:	Product does not contain any organically bound halogens which influence the AOK value of discard water.
<i>Further information</i>	
Water hazard class:	1

13. Disposal Considerations

Product:	In accordance with current regulations, product may be taken to a waste disposal site or incineration plant, after consultation with site operator and/or with the responsible authority.
Waste Code Nr.:	55514 - Coloring matter (pigment and dyes), organic
Uncleaned packaging:	Clean packaging material can be recycled. Dispose according to product.

14. Transport Information

Further information:	Not classified as a dangerous good under transport regulations. Protect against humidity. Do not store above 70°C.
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15. Regulatory Information

Designation according to EC guidelines:	The material is not subject to classification according to EC lists.
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.