

56450 - Fluorescent Pigment Violet

Revised edition: 12.05.2010

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

Identification of the Product

Product Name: Fluorescent Pigment Violet
Article No.: 56450
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: Not hazardous according to EC Guidelines 67/548/EEC and 99/45/EC (including 2001/60/EEC und 2006/8/EEC).
Additional information: Formaldehyde can be released when heated.
Fine dust can cause dust explosion.

3. Composition/Information on Ingredients

Chemical Characterization: Triazine-toluene sulfonamide-paraformaldehyde polycondensation resin with synthetic coloring matter. CAS No.: Mixture
Hazardous Ingredients: Formaldehyde (T; R23/24/25-34-40-43) <0.1 %
CAS-Nr: 50-00-0 EINECS-Nr: 200-001-8 EC-Nr: 605-001-00-5

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.
Get medical attention.
After eye contact: Rinse open eyes with plenty of water. In case of discomfort seek medical help.
After ingestion: Rinse mouth thoroughly with plenty of water. Do not induce vomiting. Consult physician immediately.

5. Fire-Fighting Measures

Suitable extinguishing media: Foam, carbon dioxide, extinguishing powder, water, water mist.
Protective equipment: Use self-containing breathing apparatus.
Special hazards: In case of fire: formation of toxic fumes.
Danger of dust explosion.
Further information: Contaminated extinguishing water and debris should be collected separately; avoid contamination of sewage system.

6. Accidental Release Measures

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Personal precautions:	Avoid contact with skin and eyes. Do not ingest or inhale. Wear protective clothing.
Environmental precautions:	Prevent contamination of soil, drains and surface waters.
Methods of cleaning/absorption:	Take up mechanically and collect in suitable container for disposal. Avoid dust formation.

7. Handling and Storage

Handling

Instructions on safe handling: The usual precautionary measures are to be adhered to when handling chemicals.
Avoid dust formation.

Information on fire and explosion protection: Take precautionary measures against static discharges.

Storage

Storage conditions: Store in tightly sealed containers in a dry and cool room.
Storage compatibility: Do not store together with: oxidants.
Further information: When the product is applied at higher temperatures, formaldehyde is released. Provide adequate ventilation.

8. Exposure Controls/Personal Protection

Additional information about design of technical systems: Provide adequate ventilation.

Components with workplace control parameters (Germany): none

Personal protective equipment

General protective measures: Do not inhale dust. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of the shift.

Respiratory protection: Dust mask.

Hand protection: Protective gloves (EN 388).

Protective glove material: Protective gloves (nitrile rubber).

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

Body protection: Protective clothing.

9. Physical and Chemical Properties

Form:	powder
Color:	violet
Odor:	formaldehyde
Boiling temperature:	not applicable
Flash point:	not applicable
Explosion risk:	p(max)=9 bar; (dp/dt)max=775 bar/s; K(st)=210 bar.m/s
Density:	1.38 g/ml
Solubility in water:	insoluble
pH-Value:	7-10.5 (5g in 100 cc H ₂ O)
Coefficient of variation (n-Octanol/Water):	not applicable

10. Stability and Reactivity

Thermal decomposition/Conditions to be avoided:	Avoid dusting near sources of ignition. Avoid heat.
Substances to be avoided:	Strong oxidizing agents.
Hazardous decomposition products:	Thermal decomposition may yield nitrogen, sulfur and carbon oxides.

11. Toxicological Information

<i>Acute toxicity</i>	
LD50, oral:	> 5000 mg/kg (rat)
LD50, dermal:	> 23 mg/kg (rat)
Irritant effect on eyes:	Non-irritating to eyes

12. Ecological Information

Elimination (Persistency and Degradability):	Not readily biodegradable.
Mobility and Bioaccumulation:	No accumulation expected since the product is not soluble in water nor in n-octanol.
Further ecological effects:	The product is not soluble in water. No negative effects expected.
AOX Value:	Does not influence the AOK value of discard water.
<i>Further information</i>	
Water hazard class:	3

13. Disposal Considerations

Product:	In accordance with current regulations, product may be taken to an incineration plant.
Uncleaned packaging:	Dispose of according to official local regulations.

14. Transport Information

Further information:	Not classified as a dangerous good under transport regulations.
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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:	3, very hazardous for water

Further information

The product/preparation is registered in the following national inventories:
EINECS (EC), TSCA (USA), DSL (CN), AICS (AUS), MITI/ENCS (JP), LECS (KR), PRC (CH), PICCS (PH).

Product complies to DIN EN 71 (Safety of Toys), Part 3.

Product complies to the CONEG Regulation and Directive 94/62/EEC.

16. Other Information

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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.