

PRODUCT INFORMATION for safe handling



Fluorescent pigments – colour powder for epoxy resins and PU paints

Version 1

1. Product and Company Information

Product information

Trade name:	fluorescent daylight pigments (BM-FL) Colour powders for epoxy resins and PU coatings Semi-finished products for industrial processing
Company:	HP-Textiles GmbH Otto-Hahn-Straße 22 48480 Schapen -Germany-
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2. Possible dangers

Classification of the substance or mixture

The product does not meet the criteria for classification and labelling according to Regulation (EC) No. 1272/2008 (CLP)

Marking elements

Not relevant

Other hazards

No information available.

3. Composition / information on the ingredients

Substances

Not applicable. The product is not a substances.

Farragoes

Chemical characterization: Dyed, Modified Benzoguanamine Formaldehyde Copolymer

Hazardous ingredients: The product does not contain any substances to be declared within the meaning of Regulation 1907/2006 (REACH), Annex II.

4. First aid measures

General information

If symptoms persist, consult a doctor. Change soiled clothing.

After inhalation

Provide fresh air.

After skin contact

Wash off immediately with soap and water.

After eye contact

Spread the eyelids, rinse the eyes thoroughly with water (15 min.).

PRODUCT INFORMATION for safe handling



After swallowing Seek medical advice immediately. Rinse mouth thoroughly with water.
Nothing must be instilled in unconscious persons.

Main acute and delayed symptoms and effects: No information available.

Indications of immediate medical assistance or special treatment No information available.

5. Firefighting measures

Suitable extinguishing agents: Foam; Dry extinguishing agent; Carbon dioxide; Water spray jet
Unsuitable extinguishing agents: No information available.

Special hazards posed by the substance or mixture:
In the event of a fire, the following can be released: carbon dioxide (CO₂); Carbon monoxide (CO)

Notes for firefighting:
Use independent breathing apparatus (isolation device). Wear a protective suit.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency
Procedure

Personnel not trained for emergencies
Observe protective rules (see sections 7 and 8)

Emergency services
No information available. Personal protective equipment – see section 8.

Environmental protection: Do not allow to enter the sewer system/surface water/groundwater

Methods and material for retention and cleaning
Mechanically absorb. Treat the recorded material according to the "Disposal" section.

7. Handling and storage

Protective measures for safe handling:

Notes on safe handling
Ensure good room ventilation, if necessary extraction at the workplace.

General protective and hygiene measures
Do not smoke, eat or drink at work. Keep away from food and drink. Wash your hands before breaks and at the end of work. Do not inhale dust.

Notes on fire and explosion protection
Keep heat and ignition sources away. Avoid dust formation. Take measures against electrostatic charge.

Conditions for safe storage taking into account incompatibilities:

Technical measures and storage conditions
Keep containers dry, tightly closed and store in a cool, well-ventilated place. Protect from heat and direct sunlight.

PRODUCT INFORMATION for safe handling



Requirements for storage rooms and containers

Carefully seal opened containers and store them upright to prevent any leakage.

Summary storage notes

None known.

Storage class according to TRGS 510

10-13 Other liquids and solids (not LGK 1-8)

8. Exposure limitation and personal protective equipment

Occupational exposure limit values - General dust limit value

TRGS 900

respirable fraction	1.25 mg/m ³
inhalable fraction	10 mg/m ³
Peak limitation	2 (II)

Personal protective equipment

Respiratory

If the occupational exposure limit values are exceeded, a suitable breathing apparatus must be worn. If there are no occupational exposure limit values, adequate respiratory protection measures must be taken in the event of the formation of dust.

Eye/Face Protection

Safety goggles with side protection (DIN EN 166)

Guard

In the event of possible skin contact with the product, the use of gloves, tested according to e.g. EN 374, offers sufficient protection. In any case, the protective glove should be tested for its workplace-specific suitability (e.g. mechanical resistance, product compatibility, antistatic). Follow the instructions and information provided by the glove manufacturer for the application, storage, care and replacement of the gloves. The protective gloves should be replaced immediately in the event of damage or initial signs of wear. Design work processes in such a way that gloves do not have to be worn all the time.

Other protective measures

Chemical-standard work clothing.

9. Physical and Chemical Properties

Form:	Powder
Color:	varies, depending on the colouring
Smell:	odorless
Decomposition point:	> 300 °C
Flash point:	> 400 °C
Density:	1.37 g/cm ³
Solubility in water:	insoluble

10. Stability and reactivity

Reactivity	No information available.
Chemical stability	No information available.
Possibility of dangerous reactions	No information available.
Conditions to avoid	Heat
Incompatible materials	None known.

PRODUCT INFORMATION for safe handling



Dangerous decomposition products

No dangerous decomposition products known.

11. Toxicology information

Acute oral toxicity:

LD50: 5000 mg/kg

Source: Analogous to a product of similar composition.

Delayed and immediate, as well as chronic effects after short or prolonged exposure:

Inhalation of dusts can cause irritation of the respiratory tract. Contact with the skin and eyes can cause mechanical irritation.

12. Environmental claims

Fish toxicity: No data available

Daphnian toxicity: No data available

Algal toxicity: No data available

Bacterial toxicity: No data available

Other information:

Ecological data are not available. Do not allow the product to enter the environment in an uncontrolled manner.

13. Disposal Instructions

Product

The assignment of a waste code number in accordance with the European Waste Catalogue (AVV) must be carried out in consultation with the regional disposal company.

Packaging

Packaging must be emptied and disposed of properly in accordance with legal regulations. Packaging that cannot be emptied must be disposed of in consultation with the regional disposal company.

14. Transport details

No dangerous goods

15. Regulations

Water hazard class (self-classification): slightly hazardous to water.

Chemical safety assessment: A chemical safety assessment was not carried out.

**PRODUCT INFORMATION
for safe handling**



16. Other information

This information is based on our current knowledge and the information provided by our suppliers and describes the product only with regard to safety requirements. We assume that they are correct to the best of our knowledge and belief. They do not constitute a guarantee of characteristics and do not claim to be complete. They do not take into account all the circumstances in which the product may be used, nor all the physical and psychological characteristics of the persons responsible for transporting or processing the product.

According to Regulation (EC) No. 1907/2006 [REACH] Article 3(3), this product is classified as an article, therefore there is no obligation to register the ingredients or prepare a safety data sheet, as required by Article 31 of the REACH Regulation. This document was prepared voluntarily in accordance with Annex II of the Regulation under the aspect of "Responsible Care".

Company: HP-Textiles GmbH, D-48480 Schapen -Germany-	Date: 2025-02-13 (Version 1)	Department: Application Technology / QA LS / HJ
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