

SAFETY DATA SHEET

PEARL LUSTRE PIGMENTS

Product	Pearl Lustre Pigments	SDS Version	1.0
Revision date	15 September 2026	Supersedes	New Wrights issue

This Safety Data Sheet is a supplier/distributor issue prepared from the technical safety information supplied for the product. It does not replace the manufacturer's original SDS where one is specifically required.

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier: Pearl Lustre Pigments (including Silver, Gold, Glitter Gold, Bronze, Flash Pearl, Platinum Gold, Red Pearl, Lilac Pearl, Copper Pearl, Blue Pearl, Green Pearl and related mica-based shades).

1.2 Relevant identified uses: Decorative/artists' pigment for gilding, restoration, decorative finishing and compatible coating media.

1.3 Supplier: Wrights of Lymm Ltd, Wright House, Crouchley Lane, Lymm, Cheshire WA13 0AS, United Kingdom.

Telephone: +44 (0)1925 752226

Email: info@wrightsoflymm.co.uk

Website: www.wrightsoflymm.co.uk

1.4 Emergency telephone: For urgent medical emergencies in the UK call 999. For non-emergency medical advice call NHS 111. Product enquiries: +44 (0)1925 752226 during normal business hours.

2. Hazards identification

2.1 Classification: Not classified as a hazardous substance or mixture according to Regulation (EC) No. 1272/2008 (CLP), based on the supplier technical data.

2.2 Label elements: No hazard pictogram, signal word or hazard statement required under the supplied classification.

Precautionary statement: P260 - Do not breathe dust.

Safety data sheet available on request.

2.3 Other hazards: None known. As with any fine particulate material, avoid unnecessary dust generation and inhalation.

3. Composition/information on ingredients

Pearl lustre pigments are mica-based effect pigments coated with titanium dioxide and, depending on shade, ferric oxide and/or tin oxide.

Shade / group	Typical composition	Additional information
Silver	Mica coated with titanium dioxide	-
Gold / Glitter Gold / Bronze	Mica coated with titanium dioxide and ferric oxide	-
Flash / Platinum Gold / Red / Lilac / Blue / Green	Mica coated with titanium dioxide	May contain tin oxide <10% (CAS 18282-10-5; EC 242-159-0)
Copper	Mica coated with titanium dioxide and ferric oxide	May contain tin oxide <10% (CAS 18282-10-5; EC 242-159-0)

4. First aid measures

Inhalation: Move the exposed person to fresh air. Obtain medical attention if discomfort continues.

Skin contact: Remove contaminated clothing and wash skin with plenty of water.

Eye contact: Rinse cautiously with plenty of clean water. Seek medical advice if irritation persists.

Ingestion: Rinse mouth and drink water (up to approximately two glasses). Seek medical attention if discomfort continues.

Most important symptoms/effects: No specific toxic symptoms are described in the supplier information.

Immediate medical attention/special treatment: No specific treatment information available; treat symptomatically.

5. Firefighting measures

Suitable extinguishing media: Use extinguishing media appropriate to the surrounding fire.

Unsuitable extinguishing media: None specifically identified.

Special hazards: Product is not combustible; a surrounding fire may generate hazardous vapours from other materials present.

Advice for firefighters: Wear suitable protective equipment and self-contained breathing apparatus where conditions require.

6. Accidental release measures

Avoid breathing dust and avoid generating or spreading airborne dust. Provide adequate ventilation.

Wear suitable protective equipment as described in Section 8.

Collect spilled material dry, place in a suitable closed container and dispose of in accordance with local requirements.

No special environmental precautions are identified, but unnecessary release to the environment should be avoided.

7. Handling and storage

Handle in accordance with good occupational hygiene practice. Observe label precautions and avoid dust formation.

Wash hands after use and before breaks. Remove contaminated clothing as appropriate.

Store in the original, tightly closed container in a dry, well-ventilated place.

Specific end use: Decorative/artists' pigment.

8. Exposure controls/personal protection

8.1 Control parameters: No product-specific occupational exposure limit is stated in the source SDS. Observe applicable workplace limits for nuisance/inert dust where relevant.

8.2 Exposure controls: Use suitable ventilation and working methods to minimise airborne dust before relying on personal protective equipment.

Eye/face protection: Wear suitable safety glasses where dust may be generated.

Skin protection: Gloves are not normally required for the product itself; use protective gloves if needed for the working process or binder/medium used.

Respiratory protection: Where ventilation is insufficient or dust is generated, use suitable particulate respiratory protection.

Source SDS specifies P1 filter.

Hygiene: Wash hands before breaks and at the end of the working day.

9. Physical and chemical properties

Physical state	Powder
Colour	Varies by named shade
Odour	Odourless
pH	3-11 at 100 g/L, 20°C (slurry)
Flash point	Not applicable
Flammability	Not flammable
Density at 20°C	2.7-4.8 g/cm ³
Bulk density	170-540 kg/m ³
Water solubility	Practically insoluble
Particle size	10-100 µm
Boiling/melting point, vapour pressure, evaporation rate, explosive limits	No information available

10. Stability and reactivity

Reactivity: No specific reactivity hazards identified.

Chemical stability: Stable under normal ambient conditions.

Possibility of hazardous reactions: No information available.

Conditions to avoid / incompatible materials / hazardous decomposition products: No specific information identified in the source SDS.

11. Toxicological information

Specific acute toxicity, irritation, sensitisation, mutagenicity, carcinogenicity, reproductive toxicity, STOT and aspiration hazard data are not available in the source SDS.

Supplier information states that animal testing with pigments of this type did not indicate toxicologically relevant properties and that poor absorption means hazardous properties are not anticipated. Dust inhalation should nevertheless be avoided because even inert dust may impair respiratory function.

12. Ecological information

The product components are not classified as environmentally hazardous according to the source SDS.

Water solubility is very low; the product is effectively insoluble in water.

Persistence/degradability and bioaccumulation: No sufficient data available.

PBT/vPvB: Not classified as PBT/vPvB by the criteria referenced in the source SDS.

Other adverse effects: Avoid unnecessary discharge to the environment.

Tin oxide data reported in the source SDS: Daphnia magna NOEC >100 mg/L (48 h) and EC50 >100 mg/L (48 h), above the solubility limit in the test medium.

13. Disposal considerations

Dispose of product and contaminated packaging in accordance with applicable local authority requirements. Do not allow uncontrolled release to drains or the environment.

14. Transport information

Not regulated as dangerous goods under the transport information supplied for this product. Not classified as dangerous for transport.

UN number: Not applicable.

UN proper shipping name: Not applicable.

Transport hazard class(es): Not applicable.

Packing group: Not applicable.

15. Regulatory information

The source SDS states that no compulsory hazard identification is required under the referenced EC directives/national regulations and that the product is not hazardous under CLP classification. Users must ensure compliance with current UK workplace, environmental and chemical-supply requirements applicable to their own use.

Chemical safety assessment: No data available in the source SDS.

16. Other information

Prepared by Wrights of Lymm Ltd as a supplier/distributor safety document using the manufacturer/supplier technical information available for Pearl Lustre Pigments. Principal technical source: L. Cornelissen & Son Ltd, "Cornelissen Pearl Lustre Pigments" Safety Data Sheet, revision January 2017.

The product is currently described by Wrights of Lymm as mica flakes finely coated with titanium and/or iron oxides for decorative use. This Wrights issue has been reformatted and contact details updated; the underlying formulation and hazard classification have not been independently re-tested by Wrights of Lymm Ltd.

The information is provided in good faith for guidance on safe handling, storage, use and disposal. It is not a product specification or warranty. Users are responsible for determining suitability for their intended application and for complying with applicable legal requirements.

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