SDS · SAFETY DATA SHEET (GHS / REACH)

Black Pigment 1 kg

Article: S10001 · **INCI:** CI 77499
Document No. SDS-27649-EN-2611 · **Revision:** 11.2026

Product page

1 Identification of the substance/mixture and of the company

Trade name	Black Pigment 1 kg
Article	S10001
INCI	CI 77499
Recommended use	color cosmetics, candles, epoxy resin, polymer clay
Uses advised against	None identified.
Supplier	**Mylo-Opt** 1st Pishchanyi Lane, 1, Kremenchuk, Poltava region, Ukraine +38 (063) 690-06-72 · mysoapoptom@gmail.com мыло-опт.com.ua
Emergency telephone	+38 (063) 690-06-72 (Mon–Fri, 8:00–17:00)

2 Hazards identification

Classification (CLP/GHS)	Not classified as hazardous.
Label elements	No pictograms, signal word or H-statements required.
Other hazards	Dust may mechanically irritate eyes and respiratory tract. Not PBT/vPvB.

3 Composition / information on ingredients

Mixture. Components are not classified as hazardous at the stated concentrations unless otherwise stated in section 2.

Component	CAS	EC	Content, %
CI 77499 (Iron Oxides)	1317-61-9	215-277-5	≥ 95

4 First aid measures

Inhalation	Move to fresh air. Seek medical advice if breathing difficulties occur.
Skin	Wash off with water and a mild cleanser.

Eyes	Do not rub. Rinse with plenty of water for 10–15 min. Seek medical advice if irritation persists.
Ingestion	Rinse mouth with water. Do not induce vomiting. Seek medical advice if unwell.
Most important symptoms	Mechanical eye irritation, coughing on dust inhalation.

5 Firefighting measures

Flammability	Non-combustible.
Extinguishing media	Water spray, foam, dry powder, CO_2 – appropriate to surrounding fire.
Hazardous combustion products	None under normal conditions.
Firefighter equipment	Self-contained breathing apparatus and protective clothing.

6 Accidental release measures

Personal precautions	Avoid dust formation and inhalation. Use protective equipment (section 8).
Environmental precautions	Do not allow to enter drains or water bodies.
Clean-up methods	Collect mechanically (vacuum with filter or damp wiping) and place in a closed container for disposal.

7 Handling and storage

Safe handling	Avoid dust formation. Ensure ventilation. Do not eat or drink while working. Wash hands after handling.
Storage conditions	in a dry place, in a tightly closed container, protected from direct sunlight, at +5...+30 °C
Incompatible materials	Strong oxidizers.

8 Exposure controls / personal protection

Occupational exposure limits	Iron oxides: 5 mg/m³ (respirable). Nuisance dust: 10 mg/m³.
Engineering controls	General and local exhaust ventilation.
Respiratory protection	FFP2 dust mask where dust is generated.
Eye protection	Safety glasses with side shields.
Hand protection	Nitrile gloves.

9 Physical and chemical properties

Physical state / appearance	powder
Color	black
Odor	odorless
Particle size	1-10 µm
pH	5–9 (10 % suspension)
Melting point	> 1000 °C (decomposition)
Density	2.5–5.2 g/cm³
Bulk density	0.3–0.8 g/cm³
Solubility	pigments do not dissolve, only colors
Flash point	not applicable / > 100 °C
Explosive properties	none

10 Stability and reactivity

Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	None known.
Hazardous decomposition	None under normal conditions.

11 Toxicological information

Acute toxicity: LD50 oral (rat) > 5000 mg/kg (estimated from components). Not irritating to skin. Dust may cause mechanical eye irritation. Not a sensitizer, mutagen, carcinogen or reproductive toxicant.

12 Ecological information

Inorganic mineral components, insoluble in water. Do not bioaccumulate; no acute aquatic toxicity expected (EC50/LC50 > 100 mg/L). Not PBT/vPvB.

13 Disposal considerations

Product	Dispose of in accordance with local regulations; do not discharge large quantities into drains.
Packaging	Dispose of or recycle empty packaging.

14 Transport information

UN number	Not applicable
ADR / RID / IMDG / IATA	Not regulated as dangerous goods.
Special precautions	None required.

15 Regulatory information

Regulation (EC) No 1907/2006 (REACH), Regulation (EC) No 1272/2008 (CLP). Colorants contained are listed in Annex IV of Regulation (EC) No 1223/2009 (cosmetic colorants).

16 Other information

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Version	1.0
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Note	The information reflects current knowledge and relates only to the product specified. It does not constitute a guarantee of properties for any specific application.