SDS · SAFETY DATA SHEET (GHS / REACH)

Fluorescent pigment Red 500 g

Article: O80011 · **INCI:** May contain (+/-): CI 45380, CI 45410, CI 12075, CI 15850
Document No. SDS-27206-EN-2611 · **Revision:** 11.2026

Product page

1 Identification of the substance/mixture and of the company

Trade name	Fluorescent pigment Red 500 g
Article	O80011
INCI	May contain (+/-): CI 45380, CI 45410, CI 12075, CI 15850
Recommended use	nail art, decor, epoxy resin, candles
Uses advised against	Intended for decor, nail art, bath products and technical applications. Not for use in the eye area or on lips.
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. Airborne dust at high concentration may present a dust explosion risk.

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, %
Polymer carrier resin	—	polymer	80–95
CI 45380	17372-87-1	241-409-6	0–10
CI 45410	18472-87-2	242-355-6	0–10
CI 12075	3468-63-1	222-429-4	0–10

CI 15850	5281-04-9	226-109-5	0–10

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	Combustible when strongly heated (organic polymer matrix).
Extinguishing media	Water spray, foam, dry powder, CO_2 – appropriate to surrounding fire.
Hazardous combustion products	On combustion – carbon oxides (CO, CO_2), possibly nitrogen and sulfur oxides.
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	Nuisance dust: 10 mg/m³ (inhalable), 3 mg/m³ (respirable).
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	red
Odor	odorless
Particle size	10-15 µm
pH	6–8 (10 % suspension)
Melting point	> 200 °C (softening)
Density	1.2–1.4 g/cm³
Bulk density	0.3–0.5 g/cm³
Solubility	pigments color, but do not dissolve
Flash point	not applicable / > 100 °C
Explosive properties	none

10 Stability and reactivity

Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Heating above 200 °C, direct sunlight.
Hazardous decomposition	On combustion – carbon oxides (CO, CO_2), possibly nitrogen and sulfur oxides.

11 Toxicological information

Acute toxicity: LD50 oral (rat) > 2000 mg/kg (estimated from components). May cause slight eye irritation. No sensitizing effect expected. Not classified as mutagenic or carcinogenic.

12 Ecological information

Contained dyes may color water even at low concentrations. Not readily biodegradable. Do not allow to enter water bodies or drains. 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). Some fluorescent dyes have restrictions for cosmetic use under Annex IV of Regulation (EC) No 1223/2009 (not for the eye area).

16 Other information

Revision date	11.2026
Version	1.0
Document No.	SDS-27206-EN-2611
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.