



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE PRODUCT

Product name: Photochromic pigment

Date Prepared: 02/02/2018

Supersedes all previous SDS sheets

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Website: www.glomania.com , E-mail: csp@glomania.com

2. HAZARDS IDENTIFICATION

Classification of the substance and mixture

Acute toxicity, Oral (Category 4)

Skin irritation (Category 2)

Label elements

Pictogram



Signal word

Warning

Hazard statement(s)

H302

Harmful if swallowed

H315

Causes skin irritation

H319

Causes serious eye irritation

Precautionary statement(s)

Prevent

P261

Avoid breathing dust/fume/gas/mist/spray

P264

Wash thoroughly after handling

P270

Do not eat, drink or smoke when using this product

P280

Wear protective gloves

Response

P301 + P312

If swallowed : call a poison center of physician if you feel unwell . If on skin : Wash with soap and water

P302 + P352

If in eyes rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P305 + P351 + P338

If skin irritation occurs : Get medical advice/attention

P332 + P313

If eye irritation persists : Get medical advice/attention

P337 + P313

Take off contaminated clothing and wash before reuse

P362

Storage

P405

Store locked up

Disposal

P501

Dispose of contents/container to a licensed company

Supplemental hazard statement(s)

No data available

3. COMPOSITION/INFORMATION ABOUT COMPONENTS

Chemical Characterisation	CAS NO	weight Percent
Polyoxymethylenemelamine	9003-08-1	21.0 ~ 24.0%
Styrene maleic anhydride monomethyl - maleate polymer	31959-78-1	7.5~9.5%
Trioctanoin	538-23-8	60.0~95.0%
Photochromic dye	114747-45-4	1.3~1.8%

4. EMERGENCY AND FIRST AID MEASURES

General advice

- If Inhaled
Remove from exposure immediately. Use a bag valve mask or similar device to perform artificial respiration (rescue breathing)
- On Skin Contact
Remove contaminated clothing, jewelry, and shoes immediately. Wash with soap or mild detergent and large amounts of water until no evidence of chemical remains (at least 15-20 minutes).
- On Contact with Eyes
Wash eyes immediately with large amounts of water or normal saline, occasionally lifting upper and lower lids, until no evidence of chemical remains. Get medical attention immediately.
- On Ingestion
If vomiting occurs, keep head lower than hips to help prevent aspiration.

5. FIRE-FIGHTING MEASURES

- Extinguishing media
Regular dry chemical, carbon dioxide, water, regular foam
- Special exposure hazards
Slight fire hazard. Dust/air mixtures may ignite or explode.
- Hazardous combustion products
Avoid inhalation of material or combustion by-products.
- Protection against fire
Do not scatter spilled material with high-pressure water streams. Dike for later disposal. Use extinguishing agents appropriate for surrounding fire. Stay upwind and keep out of low areas.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Environmental precautions

- After spillage / leakage
Collect spilled material in appropriate container for disposal. Keep out of water supplies and sewers. Keep unnecessary people away, isolate hazard area and deny entry.

7. HANDLING AND STORAGE

Handling and Storage

Store and handle in accordance with all current regulations and standards. Keep separated from incompatible substances.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection

- Respiratory protection

Under conditions of frequent use or heavy exposure, respiratory protection may be needed. Respiratory protection is ranked in order from minimum to maximum. Consider warning properties before use.

- Skin protection

Wear appropriate chemical resistant clothing and gloves.

- Eye protection

Wear splash resistant safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

- Ingestion

Industrial hygiene

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and physical state

Blue Powder

Color

Slight Blue

Odour

Odourless

pH value

Not applicable

Moisture content (%)

< 1%

Specific gravity

Not applicable

Boiling point/range [°C]

Not applicable

Flash point [°C]

Not applicable

Auto ignition temperature

Not determined.

Explosive limit vol % in air

Not Expected.

Vapour Pressure

Not applicable

Solubility in water

Not soluble, dispersed in water.

Solubility in ethanol

Not soluble.

Self-ignition temperature

Not applicable

Explosion limits - upper [%]

No occupational exposure limits established

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

No data available

Possible of hazardous reactions

No data available

Condition to avoid

No data available

Incompatible materials

Strong oxidizing agents, Strong bases

Hazardous decomposition products

Thermal decomposition products: oxides of carbon

Other decomposition products

No data available



11. TOXICOLOGICAL INFORMATION

Acute oral Toxicity(LD50)	No data available
Rabbit dermal LD50 [mg/kg]	No data available
Rat inhalation PO50 [mg/1/4h]	No data available
Dermal irritation (rabbit)	No data available
Mutagenicity	No data available
Reproductive effects	No data available

12. ECOLOGICAL INFORMATION

Fish Toxicity	No data available
Test Species	No data available
Test time	No data available
WGK (Water risk class)	No data available
Biodegradation [%]	No data available

13. DISPOSAL CONSIDERATIONS

Waste Disposal	Dispose in accordance with all applicable regulations.
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14. TRANSPORT INFORMATION

UN Number	No data available
UN proper shipping name	No data available
Transport hazard class(es)	No data available
Packaging group	No data available
Environment hazards	No data available
Special precautions for user	No data available

15. REGULATORY INFORMATION

TSCA inventory status	No data available
TSCA 12(b) export notification	No data available

16. OTHER INFORMATION

Recommended uses and restrictions	None
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