



Material Safety Data Sheet

Revision Date: 2023-1-20

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

1.1 Product Name : Sahara pigments

1.2 Use: Colorants

Section 2. Composition and Information on Ingredients

Chemical Name	%(w/w)	CAS No.	CI No.
Mica	70-74	12001-26-2	77019
Titanium Oxide	26-30	13463-67-7	77891
Tin Oxide(SnO ₂)	<1	18282-10-5	77861

Section 3. Hazards Identification

3.1 Classification of the substance or mixture:

·Hazard description: Not Applicable

·Information concerning particular hazards for human and environment:

The product is not classified as dangerous according to Directive

67/548/EEC, 1999/45/EC and Regulation (EC) No. 1272/2008 Classification system:

The classification is according to the latest edition of the Directive

67/548/EEC, 1999/45/EC and Regulation (EC) No. 1272/2008, and extended by company and literature data.

3.2 Label elements:

·GHS label elements: Void

3.3 Other hazards: Not available

Section 4. First aid Measures

4.1 Description of first aid measures:

General advice:

Remove contaminated clothing.

If inhaled: Move person to fresh air. Consult doctor in event of any complaints.

If difficulties occur after dust has been inhaled, remove to fresh air and seek medical attention.

If on skin: Wash with soap and water. If irritation persists, seek medical attention.

Wash thoroughly with soap and water. If irritation develops, seek medical attention.

If in eyes: Immediately flush eyes with water for at least 15 minutes. If discomfort persists, seek medical attention. Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, seek medical attention.

If swallowed: If large quantities are ingested, seek medical advice. Not a hazard under normal use conditions. Rinse mouth and then drink plenty of water. Do not induce vomiting. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Seek medical attention if necessary.

Section 5. Fire Fighting Measures

5.1 Extinguishing media: Not available

Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture: Not available

Protective equipment: No special measures required.



5.3 Advice for firefighters: Not available

Section 6. Accidental Release Measures

6.1 Personal Precautions, protective equipment and emergency procedures:

Wear appropriate respiratory protection. Use personal protective clothing. Ensure adequate ventilation.

Section 7. Handling and Storage

General advice:

Breathing must be protected when large quantities are decanted without local exhaust ventilation. Avoid contact with the skin, eyes and clothing.

Keep in a cool place. Keep container dry.

Section 8. Exposure Controls Personal Protection

8.1 Exposure controls:

Personal protective equipment:

Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator. Observe OSHA regulations for respirator use (29 CFR 1910.134).

Eye protection:

Safety glasses with side-shields.

Protection of hands: (Protective Gloves)

The glove material has to be impermeable and resistant to the product/the substance/the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Due to the colouring properties of the product closed work clothes should be used, to avoid stains during manipulation. Hands and/or face should be washed before breaks and at the end of the shift. Wash soiled clothing immediately.

Primary irritant effect

On the skin: No irritant effect

On the eye: No irritating effect

Sensitization: No sensitizing effects known

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

Toxicokinetics, metabolism and distribution: Not available

Acute effects (acute toxicity, irritation and corrosivity) :

Quantitative data on the toxicity of this product is not available. Product does not contain any deleterious matter.

Repeated dose toxicity: Prolonged or repeated exposure to dust may cause pulmonary problems.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):

The results of animal experiments using pearl luster pigment of this type indicate no toxicological relevant properties. Since the substance is poorly absorbed, no systemic effects are to be anticipated.

Inhalation of dusts should be avoided as even inert dusts may impair respiratory organ functions. No evidence of carcinogenic properties. No evidence of mutagenic or teratogenic effects.

Section 9. Physical and Chemical Properties

9.1 Information on basic physical and chemical

Properties:

Form	Powder
Odor	odorless

**Explosion limits**

Lower	Not available
Upper	Not available
Oxidizing properties	Not available

Viscosity

Dynamic Not available

pH-value 7.0-11.0(10% aqueous suspension)

Boiling /Condensation Not available

Point

Melting /Freezing Point Not available

Specific Gravity Approx. 2.8~3.4 g / cm³ (water=1)

Ignition temperature Not available

Self-igniting Products is not self-igniting

Danger of explosion Product does not present an explosion hazard

Solubility Insoluble in water

Electric conduction Non-conduction

Impurity <0.5%

Chemical stability Acid and alkali resistance under the normal temperatures.

Section 10.Stability and Reactivity

10.1 Reactivity: No decomposition if used according to specifications

10.2 Chemical stability: Acid and alkali resistance under the normal temperatures

10.3 Possibility of hazardous reactions: Not available

10.4 Conditions to avoid: Not available

10.5 Incompatible materials: Not available

Materials to be avoided: Not available

Dangerous reactions: No dangerous reactions known

10.6 Hazardous decomposition products: Not available

Section 11.Toxicological Information**Information on toxicological effects:**

Acute toxicity

Oral:

Type of value: LD50

Species: rat

Value: > 2,000 mg/kg

The product has not been tested. The statement has been derived from the properties of the individual components.

Irritation / corrosion

Skin:

May cause mechanical irritation.

Eye:

May cause mechanical irritation.

Carcinogenicity

Information on: Titanium dioxide

IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans). In long-term studies in rats in which the substance was given by inhalation, a carcinogenic effect was observed. Tumors were only observed in rats after chronic inhalative exposure to high concentrations which caused sustained lung inflammation. In long-term studies in rats and mice in which the substance was given by feed, a carcinogenic effect was not observed. Dermal exposure is not expected to be carcinogenic.



Section 12. Ecological Information

12.1 Toxicity:

No ecological problems are to be expected when this product is handled and used with due care and attention.

12.2 Persistence and degradability: Not available

12.3 Bioaccumulative potential: Not available

12.4 Mobility in soil: Not available

12.5 Results of PBT and vPVB assessment: Not available

12.6 Other adverse effects: Not available

Section 13. Disposal and Considerations

13.1 Waste disposal of substance:

Must be disposed of or incinerated in accordance with local regulations.

Dispose of in a licensed facility. Do not discharge into drains/surface waters/groundwater. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

13.2 Container disposal:

Uncontaminated packaging can be re-used. Packs that cannot be cleaned should be disposed of in the same manner as the contents.

Section 14. Transport Information

14.1 Land transport ADR/RID (cross-border)

USDOT

Not classified as a dangerous good under transport regulations

Transport category:

14.2 Maritime transport IMDG

14.2.1 IMDG Class: Not classified as a dangerous good under transport regulations

Label: -

14.2.3 Packaging group: -

EMS Number: -

Marine pollutant: No

14.2.4 Proper shipping name: -

14.3 Air transport ICAO-TI and IATA-DGR

14.3.1 ICAO/IATA Class: Not classified as a dangerous good under transport regulations

14.3.2 UN/ID Number: -

Label:

14.3.3 Packaging group: -

14.3.4 Proper shipping name: -

UN (Model Regulation): -

14.4 Environmental hazards: Not available

14.5 Special precautions hazards: Not available

Section 15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

Sara

Section 335 (extremely hazardous substances): None of the ingredients is listed.

Section 313 (specific toxic chemical listings): None of the ingredients is listed.

Proposition 65

Chemical known to cause cancer: None of the ingredients is listed.

Chemical known to cause reproductive toxicity for females:

None of the ingredients is listed.



Chemical known to cause developmental toxicity:

None of the ingredients is listed.

Cancerogenity categories

EPA(Environmental Protection Agency)

None of the ingredients is listed.

NTP(National toxicology Program)

None of the ingredients is listed.

OSHA-Ca(Occupational Safety& Health Administration)

None of the ingredients is listed.

Labelling according to EU guidelines:

Observe the general safety regulations when handling chemicals.

The product has not been classified and marked in accordance with EU Directives/respective national laws.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials

The product has not classified as dangerous according to Directive 67/548/EEC, 1999/45/EC and Regulation (EC)No.1272/2008.

National regulations

Candidate List of Substance of very high concern(SVHC) according ECHA (18/06/2010)

None of the ingredients is listed

REACH Regulation Annex XVII Restrictions List :None of the ingredients is listed

REACH Regulation Annex XVII Authorization Recommendation List: None of the ingredients is listed

Section 16.Other Information

The contents and format of this MSDS are in according with REGULATION (EC) No.1272/2008.(EC)No.1907/2006,EU Commission Directive 1999/45/EC, 67/548/EEC.

DISCLAIMER OF LIABILITY:

The information in this MSDS was obtained from sources which we believe are reliable. However,, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or method of handling ,storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in anyway connected with the handling, storage, use or disposal of the product. This MSDS/SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS/SDS information may no the applicable.

END OF DATA SHEET