



COLORANTE PASTA (PIGMENT PAST)

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

Trade name: pigment past

2. HAZARDS IDENTIFICATION

Hazard description: Not applicable.

Information concerning particular hazards form human and environment:

The product does not have to be labelled due to the calculation procedure of the "General classification guideline for preparations of the EU". In the latest valid version.

Classification system: The classification is according to the latest editions of the EU-liste, and extended by company and literature data.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization

Description: mixture of substances listed below with nonhazardous additions.

Dangerous components: void

4. FIRST AID MEASURES

General advice: No special measures required.

Immediately remove any clothing soiled by the product.

After inhalation: Supply fresh air. If required, provide artificial respiration.

Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness place patient stably in side position for transportation.

After skin contact: Immediately wash with water and soap and rinse thoroughly. Generally the product does not irritate the skin.

After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: Do not induce vomiting; call for medical help immediately. Rinse out mouth and the drink plenty of water. If symptoms persist consult doctor.

5. FIRE FIGHTING MEASURES

Suitable extinguishing agents: CO₂, powder or water spray. Fight large fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: water with full jet.



Special hazards caused by the substance, its products of combustion or resulting gases:

Formation of toxic gases is possible during heating or in case of fire.

In case of fire, following can be released:

Sulphur dioxide. (SO₂)

Carbon dioxide (CO₂)

Carbon monoxide (CO)

Protective equipment: wear fully protective suit. Wear self-contained respiratory protective device.

6. ACCIDENTAL RELEASE MEASURES.

Personal-related safety precautions: wear protective equipment. Keep unprotected persons away. Use respiratory protective device against the effects of fumes/dust/aerosol.

Ensure adequate ventilation. Particular danger of slipping on leaked/spilled product.

Remove persons from danger area. Wear protective clothing.

Measures for environmental protection: do not allow to enter sewers/surface or ground water. Inform respective authorities in case of seepage into water course or sewage system.

Measures for cleaning/collecting: absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Send for recovery or disposal in suitable receptacles.

Dispose contaminated material as waste according to item 13.

7. HANDLING AND STORAGE.

Handling

Information for safe handling: keep receptacles tightly sealed. Prevent formation of aerosols. Ensure good ventilation/exhaustion at the workplace. Take care by opening.

Information about fire-and explosion protection: No special measures required.

Storage

Requirements to be met by storerooms and receptacles: Keep container tightly closed and dry and storage in a good ventilated room. Storage temperature 15 – 25 °C.

Information about storage in one common storage facility: store away from foodstuffs and oxidizing agents.

Further information about storage conditions: Protect from heat and direct sunlight. Store in cool, dry conditions in well sealed receptacles.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION.

Additional information about design of technical facilities: No further data, see item 7.

Ingredients with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: the list valid during the making were used as basis.

Personal protective equipment.

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: not necessary if room is well-ventilated.



Protection of hands: The glove materials 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.

Material of gloves: nitrile rubber. NBR.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Not suitable are gloves made of the following materials: leather gloves, strong gloves.

Eye protections: tightly sealed goggles

Body protection: protective work clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Fluid
Colour:	According to product specification
Odour:	Characteristic
Melting point/melting range:	Undertemined
Boiling point/boiling range:	Approx: 200°C
Flash point:	Approx: 225°C
Ignition temperature:	Approx: 425°C
Decomposition temperature:	Approx: 200°C
Self-igniting:	Product is not selfigniting
Danger of explosion:	Product doe not present an explosion hazard
Density at 20°C	Approx. 1,65 g/cm ³
Solubility in miscibility with water	Not miscible or difficult to mix
Viscosity dynamic at 20°C	Approx. 50000 mPas
VOC (EC)	0,00%

10. STABILITY AND REACTIVITY

Thermal decomposition: No decomposition if used according to specifications.

Materials to be avoided: Avoid contact with strong oxidizing agents.

Dangerous reactions: No dangerous reactions known.

Dangerous decomposition products: Poisonous gases/vapours, corrosive/gases, carbon monoxide and carbon dioxide, phenol, sulphur dioxide.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Primary irritant effect:

On the skin: no irritant effect

On the eyes: no irritant effect

Sensitization: no sensitizing effects known.

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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.

12. ECOLOGICAL INFORMATION.

General notes: water hazard class 1 (German regulation), (self assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13. DISPOSAL CONSIDERATIONS

Product

Recommendation: must be specially treated adhering to official regulations.

Uncleaned packaging

Recommendation: disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

Not classified as hazardous under transport regulation.

15. REGULATORY INFORMATION

Labelling according to EU guidelines: observe the general safety regulations when handling chemicals. The product is not subject to identifications regulations under EU Directives and the Ordinance on hazardous materials.

National Regulations:

Water hazard class: water hazard class 1 (VwVwS 17.05.1999): slightly hazardous for water.

16. OTHER INFORMATION

All specifications given in this safety data sheet are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. The general information obtains only on the designated product. If this product is used with other substances or even in working process, these statements can not apply any longer.

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