



# Safety Data Sheet (SDS)

**Product:** Tempera Gouache

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## 1. Identification

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**Product identifier:** Tempera Gouache

**Recommended use of the chemical:** Important for the development of the creativity, motor coordination and visual perception of the colors. Can be applied on paper, paperboard, plaster, wood, ceramics and E.V.A.

**Identification Code:** 02005/ 02006 / 02012 / 02015 / 02020 / 02023 / 02025 / 02030 / 02050 / 02060 / 01006 / 42006 / 42010 / 42012 / 42013 / 42020 / 42025 / 42030 / 42036 / 42037 / 42050 / 42106 / 42112

**Supplier's name:** Acrilex Tintas Especiais S.A.

**Address:** Estrada Galvão Bueno, Nº 5000 - Batistini

**Complement:** São Bernardo do Campo - São Paulo

**Supplier's phone number:** (11) 4397-9255

**Emergency phone number:** (11) 4397-9258

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## 2. Hazard identification

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**Classification of the substance or mixture:** Chemical not classified as hazardous according to GHS

**Precautionary recommendations:** This product is not recommended for children under 3 years.

**Other information:** Product not suitable for use on skin

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## 3. Composition/Information on ingredients

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**Product Type:** Mixture

This mixture does not contain ingredients or impurities that contribute to its hazard.

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## 4. First-aid measures

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### First-aid measures

- **Inhalation:** Remove the victim to fresh air and keep at rest in a comfortable position for breathing. Seek for medical assistance.
- **Skin contact:** Remove contaminated clothing, wash with water and soap. Seek for medical assistance.
- **Eye contact:** Wash with plenty water for 15 minutes, keep the eyelids open. Seek for medical assistance.
- **Ingestion:** Do NOT induce vomiting. Seek for medical assistance.

**Most important symptoms/effects, acute and delayed:** Product not classified as hazardous for human health.

**Indication of immediate medical attention and special treatment:** Symptomatic treatment.

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## 5. Fire-fighting measures

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**Suitable extinguishing media:** Foam extinguishers, dry chemical powder, CO<sub>2</sub> (carbon dioxide), water



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nebulization. Cool off the burning packages and take packages which were not affected away from the flames.

**Unsuitable extinguishing media:** Direct water jet.

**Specific hazards arising from the chemical:** It may release toxic gases during the burning.

**Special protective actions for fire-fighters:** Use self-contained clothing and adequate protection.

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## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- **For non-emergency personnel:** Personal protective equipment.
- **For emergency responders:** Personal protective equipment.

**Environmental precautions:** Avoid contamination of rivers, lakes and water sources, leaving the material flow into waterways, pipelines and galleries

**Methods and materials for containment:** Absorb with soil or other absorbent material.

**Area isolation:** Keep unauthorized persons away from the area.

**Methods and materials for cleaning up:** The cleaning of the place should be made with water and mild detergent. Collect the material in metallic / plastic drums and in good conditions. Disposal must be performed according to the local legislation in force.

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## 7. Handling and storage

### Precautions for safe handling

- **Prevention of workers exposure:** Handle in accordance with established safety standards. Use personal protective equipment.
- **Fire and explosion:** Non flammable
- **Precautions for safe handling:** Use appropriate personal protective equipment. Avoid contact with skin, eyes and mucous membranes. Handle the product in a cool and well ventilated place.
- **Hygiene measures**
  - **Suitable:** Wash your hands before eating, drinking or using the toilet. Contaminated clothes should be changed and washed before reuse.
  - **Unsuitable:** Do not eat, drink or smoke during the product handling.

### Conditions for safe storage

- **Conditions for safe storage:** Store the product in cool, dry and ventilated areas away from heat, ignition sources, food and oxidizing agents. Keep packages always closed.
- **Conditions to avoid including incompatibilities:** Avoid wet areas, outdoor, and without ventilation.
- **Packaging materials**
  - **Suitable:** Metallic drums coated internally with varnish and/or plastic containers.
  - **Unsuitable:** Not Available.

**Other information:** Not Available.



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## 8. Exposure controls/personal protection

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### Control parameters

- **Occupational exposure limits:** Not Available.
- **Biological indicators values:** Not Available.
- **Other limits and values:** Not Available.

**Appropriate engineering controls:** Maintain adequate ventilation. Keep emergency shower and eye shower close to workplaces.

### Individual protection measures, such as personal protective equipment

- **Eye/face protection:** Non-toxic product. In operations where there may be projections or splashing , it is recommended the use of safety glasses.
- **Skin protection:** Non-toxic product. When handled in its original packaging, it does not require the use safety shoes or special protective clothing. If the use of the product causes splashes, wear safety clothing to protect the entire body.
- **Respiratory protection:** Non-toxic product. When handled in its original packaging, it does not require use of mask for protection.
- **Hands protection:** Non-toxic product. Use rubber gloves only in direct contact with the liquid for an extended period. In case of splash, wash with soap and water to remove the product of the skin.
- **Thermal hazards:** Not available.

**Other information:** Not Available.

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## 9. Physical and chemical properties

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- **Appearance**  
**Physical state:** Liquid.; **Form:** Pasty.; **Color:** Several (as in the Catalogue).
- **Odour:** Typical.
- **Odour threshold:** Not available.
- **pH:** 8,00 - 8,50
- **Melting point/freezing point:** Not available.
- **Initial boiling point:** Not available.
- **Boiling range:** Not available.
- **Flash point:** > 100 °C Test: (closed cup)
- **Evaporation rate:** Not available.
- **Flammability (solid, gas):** Not available.
- **Lower flammability or explosive limits:** Not available.
- **Upper flammability or explosive limits:** Not available.
- **Vapour pressure:** Not available



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- **Vapour density:** Not available.
- **Relative density:** 1.000 - 1.200 g/cm<sup>3</sup>
- **Solubility(ies):** water-soluble.
- **Partition coefficient: n-octanol/water:** Not available.
- **Auto-ignition temperature:** Not available.
- **Decomposition temperature:** Not available.
- **Viscosity:** 25 - 35 Poise
- **Additional information:** Not available.

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### 10. Stability and reactivity

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**Chemical stability:** Stable in normal conditions of storage and handling.

**Reactivity:** Not available.

**Possibility of hazardous reactions:** None, when the product is stored, handled and processed correctly.

**Conditions to avoid:** Exposure to high temperatures for prolonged periods may cause changes in the product.

**Incompatible materials:** Not available.

**Hazardous decomposition products:** Not available.

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### 11. Toxicological information

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**Acute toxicity:** The product is not classified for this hazard according to GHS.

**Skin corrosion/irritation:** The product is not classified for this hazard according to GHS.

**Serious eye damage/irritation:** The product is not classified for this hazard according to GHS.

**Respiratory or skin sensitization:** The product is not classified for this hazard according to GHS.

**Germ cell mutagenicity:** The product is not classified for this hazard according to GHS.

**Carcinogenicity:** The product is not classified for this hazard according to GHS.

**Reproductive toxicity:** The product is not classified for this hazard according to GHS.

**STOT-single exposure:** The product is not classified for this hazard according to GHS.

**STOT-repeated exposure:** The product is not classified for this hazard according to GHS.

**Aspiration hazard:** The product is not classified for this hazard according to GHS.

**Additional information:** Not available.

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### 12. Ecological information

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**Toxicity:** The product is not classified for this hazard according to GHS.

**Persistence and degradability:** Not available.

**Bio accumulative potential:** Not available.

**Mobility in soil:** Product miscible in water , it is expected mobility in soil

**Other adverse effects:** Avoid contamination of rivers, lakes and water sources preventing the flow of material into waterways, pipelines and galleries.



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### 13. Disposal considerations

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#### Disposal methods

- **Product:** The treatment and disposal of the product should be technically evaluated, case by case. Remaining products must be discarded in authorized installation.
- **Used package:** Discard in authorized installation. Do not reuse the package.

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### 14. Transport information

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#### National and international regulations:

##### Land Transport:

**Technical name:** Tempera Gouache

**Additional information:** The characteristics of the product does not meet the official criteria of dangerous goods for purposes of transportation.

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### 15. Regulatory information

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#### Safety, health and environmental regulations specific for the product:

Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

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### 16. Other information

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#### Other information that does not belong in other sections:

This Safety Data Sheet (SDS) has been prepared based on current knowledge about chemicals and provides information about protection, safety, health and environment. It is warned that any chemical handling requires prior knowledge of its hazards by the user. The user company is responsible to promote the training of its employees about the potential product risks.

**References:** [ECHA] EUROPEAN CHEMICAL AGENCY. Available in: <http://echa.europa.eu/>

[HSNO] NEW ZEALAND HSNO Chemical Classification and Information Database (CCID)

[OSHA] OSHA'S Hazard Communication. Available in: <https://www.osha.gov/dsg/hazcom/>

[GHS] Globally Harmonized System of Classification and Labelling of Chemicals

**Subtitles and abbreviations:** ACGIH - American Conference of Governmental Industrial

BCF - Bioconcentration factor

CAS - Chemical Abstracts Service