



Safety Data Sheet (SDS)

Product: Matte water based lacquer

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1. Identification

Product identifier: Matte water based lacquer

Recommended use of the chemical: Indicated for finishing, waterproof and to give protection on paintings and craft projects previously tested, such as wood, glass, ceramics, plaster and straw. Excellent durability and adherence. Provides excellent result when compared to other finishing varnishes. Colorless finish after drying.

Identification Code: 19610

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

2. Hazard identification

Classification of the substance or mixture: Skin corrosion/irritation: Category 3 - Hazardous to the aquatic environment – short-term (acute) hazard: Category 3

GHS labelling

Signal Word: Warning

Hazard Statement: H316 - Causes mild skin irritation . H402 - Harmful to aquatic life .

Precautionary statements:

- **General:** P102 - Keep out of reach of children.
- **Prevention:** P273 - Avoid release to the environment.
- **Response:** P332 + P313 - If skin irritation occurs: Get medical advice/attention.
- **Storage:** NE - Not required
- **Disposal:** P501 - Dispose of contents/container to in a suitable place.

Other hazards which do not result in classification: Product not suitable for use on skin

Other information: This product is not recommended for children under 3 years.

3. Composition/Information on ingredients

Product Type: Mixture

Hazardous ingredients or impurities and/or stabilizing additives which contribute to hazard classification:

Chemical identity	CAS Nº	Percentages or ranges of percentages
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Emulsion Acrylic Resin (solid)	not aplicable	35 - 30
2-octyl-2H-isothiazol-3-one	26530-20-1	0,0020 - 0,0025

4. First-aid measures

First-aid measures

- **Inhalation:** Remove to an uncontaminated place , apply artificial respiration if there is respiratory arrest. Forward to medical care
- **Skin contact:** Remove contaminated clothing , wash with water and soap . Seek medical attention if irritation or other symptoms present
- **Eye contact:** Rinse with plenty of water for 15 minutes, keeping eyelids open. Seek medical attention
- **Ingestion:** Do not induce vomiting , seek medical advice stating the type of product

Most important symptoms/effects, acute and delayed: Causes an mild skin irritation.

Indication of immediate medical attention and special treatment: Symptomatic treatment

5. Fire-fighting measures

Suitable extinguishing media: Foam extinguishers, dry chemical, CO2 (carbon dioxide) , water spray. Cool packaging under the action of fire , and remove those that were not met away from the flames

Unsuitable extinguishing media: Direct waterjet

Specific hazards arising from the chemical: You can release toxic gases during burning

Special protective actions for fire-fighters: Use of SCBA and suitable protective clothing

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

- **For non-emergency personnel:** Personal protective equipment . Avoid contact with eyes and skin . Avoid inhalation of mist / vapors . Avoid direct contact with the liquid
- **For emergency responders:** Use of SCBA and suitable protective clothing

Environmental precautions: Shut off leak if possible. Avoid contamination of rivers, lakes and water sources , leaving the material flow into waterways , pipelines and galleries

Methods and materials for containment: Absorb with earth or other absorbent material

Area isolation: Isolate and signal the location

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.

7. Handling and storage



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Precautions for safe handling

- **Prevention of workers exposure:** Handle in accordance with established safety standards. Use personal protective equipment
- **Fire and explosion:** Landing equipment when handling. Do not smoke. Do not handle the product near sources of heat or ignition
- **Precautions for safe handling:** Use personal protective equipment indicated . Avoid contact with skin, eyes and mucous membranes . Handle the product in a cool, airy place . Do not reuse the embalagem. Não smoke, eat or drink in the product handling area
- **Hygiene measures**
 - **Suitable:** Wash your hands before eating , drinking, smoking or using the toilet . Contaminated clothing should be changed and washed before reuse
 - **Unsuitable:** Do not eat , drink or smoke while handling the product

Conditions for safe storage

- **Conditions for safe storage:** Store in cool, dry and ventilated area , away from heat, ignition sources, food and oxidizing agents. Keep containers always closed
- **Conditions to avoid including incompatibilities:** Wet , uncovered and without ventilação. Não local store the product with explosive materials , flammable and / or toxic , oxidizing substances , corrosive , organic peroxides spontaneous combustion materials and radioactive materials
- **Packaging materials**
 - **Suitable:** Steel drums with an inner lining of varnish and / or plastic containers
 - **Unsuitable:** Not available

Other information: Not available

8. Exposure controls/personal protection

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 eyewash next workplaces

Individual protection measures, such as personal protective equipment

- **Eye/face protection:** Safety goggles for chemicals
- **Skin protection:** Gloves, PVC apron and closed shoes according to the working conditions
- **Respiratory protection:** Mask with chemical filter for organic vapor protection
- **Hands protection:** PVC gloves or other resistant to organic solvents
- **Thermal hazards:** Not Available



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Other information: Keep clean the workplace . Keep closed containers. Do not eat , drink or store food in the workplace . After work , wash hands with soap and water

9. Physical and chemical properties

- **Appearance**
Physical state: Not applicable ; **Form:** Not available; **Color:** Milky
- **Odour:** Typical
- **Odour threshold:** Not available
- **pH:** 8,0 - 9,0
- **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 applicable
- **Upper flammability or explosive limits:** Not applicable
- **Vapour pressure:** Not available
- **Vapour density:** Not available
- **Relative density:** 1,040 - 1,140 g/cm³
- **Solubility(ies):** water-soluble
- **Partition coefficient: n-octanol/water:** Not available
- **Auto-ignition temperature:** Not available
- **Decomposition temperature:** Not available
- **Viscosity:** Not available
- **Additional information:** Not available

10. Stability and reactivity

Chemical stability: Stable under normal conditions of storage and handling

Reactivity: Not available

Possibility of hazardous reactions: No , when the product is stored, handled and processed correctly

Conditions to avoid: Exposure to high temperatures for prolonged periods can cause changes in the product

Incompatible materials: Do not store the product with explosive materials , flammable and / or toxic , oxidizing substances , corrosive , organic peroxides spontaneous combustion materials and radioactive materials

Hazardous decomposition products: You can release toxic gases during burning

11. Toxicological information



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

Skin corrosion/irritation: Causes mild skin irritation

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

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

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

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

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

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

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

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

Additional information: Can cause abdominal pain and gastric irritation.

12. Ecological information

Toxicity: Harmful to aquatic organisms

Persistence and degradability: Not available

Bio accumulative potential: Not available

Mobility in soil: Not available

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

13. Disposal considerations

Disposal methods

- **Product:** Do not throw the product into sewers, drains, soil or water source. Any disposal practice must be in accordance with current legislation
- **Used package:** Do not reuse packaging

14. Transport information

National and international regulations:

Land Transport:

Technical name: Matte water based lacquer

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

Additional Regulation: Not available

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)

16. Other information

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