

Product: Semi-Gloss Acrilfix Varnish

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1. Identification

Product identifier: Semi-Gloss Acrilfix Varnish**Recommended use of the chemical:** Suitable for giving finishing and painting on canvas protection , oil or acrylic , pastel, charcoal and craft trabalhoe . They can be used to protect paper, plants, documents , layouts and pictures. • Once dry , leave on the job a transparent film . In oil paintings apply one year after the ready painting.**Identification Code:** 10572**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: Aerosols: Category 1 - Gases under pressure: Classification Liquefied gas - Flammable liquids: Category 2 - Skin corrosion/irritation: Category 2 - Eye damage/irritation: Category 2B - Specific target organ toxicity (single exposure): Category 3 - Specific target organ toxicity (repeated exposure): Category 2 - Aspiration hazard: Category 1

GHS labelling

**Signal Word:** Danger**Hazard Statement:** H222 - Extremely flammable aerosol ; H229 - Pressurized container: may burst if heated . H280 - Contains gas under pressure; may explode if heated . H225 - Highly flammable liquid and vapour . H315 - Causes skin irritation . H320 - Causes eye irritation . H336 - May cause drowsiness or dizziness. H373 - May cause damage to organs. H304 - May be fatal if swallowed and enters airways .**Precautionary statements:**

- **General:** P102 - Keep out of reach of children.
- **Prevention:** P211 - Do not spray on an open flame or other ignition source.
- **Response:** P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- **Storage:** P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.
- **Disposal:** P501 - Dispose of contents/container to in a suitable place



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

Other information: SHOULD NOT BE LEFT IN CAR , EXPOSED TO THE SUN OR LOCAL STUFFY OR HOT

3. Composition/Information on ingredients

Product Type: Mixture

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

Chemical identity	CAS N°	Percentages or ranges of percentages
Hydrocarbonetos Alifáticos	64742-82-1	30 - 35
Isopropanol	67-63-0	2 - 3
Resina acrílica	9011-15-8	5 - 6
Butano	106-97-8	15 - 25
Propano	74-98-6	15 - 25

4. First-aid measures

First-aid measures

- **Inhalation:** Remove the victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention
- **Skin contact:** Immediately remove contaminated clothing and shoes . Wash skin with plenty of water for at least 20 minutes. Seek medical attention
- **Eye contact:** Rinse with water for 15 minutes holding the eyelids open . Seek medical attention.
- **Ingestion:** Do not induce vomiting . If necessary, seek medical attention

Most important symptoms/effects, acute and delayed: It causes skin irritation. Causes serious eye irritation . May cause drowsiness or dizziness. May cause damage to the cardiovascular system Repeated or prolonged exposure. May be fatal if swallowed and enter airways

Indication of immediate medical attention and special treatment: Symptomatic treatment

5. Fire-fighting measures

Suitable extinguishing media: Use dry chemical , foam or CO2 . For large fires , alcohol -resistant foams are recommended , if available . Cool with fog watercourses , the containers exposed to fire. Remove the fire area of containers , if this can be done without risk

Unsuitable extinguishing media: Direct water jet

Specific hazards arising from the chemical: Keep isolated from heat, electrical equipment , sparks and open flame. The aerosol containers may explode when exposed to high temperatures. Applications onto hot surfaces



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require special precautions. During an emergency situation , prolonged exposure to the product can bring health risks

Special protective actions for fire-fighters: Use of SCBA and suitable protective clothing . Indoors, use rescue equipment with air supply

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

- **For non-emergency personnel:** Personal protective equipment
- **For emergency responders:** Personal protective equipment . Indoors, use rescue equipment with air supply

Environmental precautions: Shut off leak if possible, do not direct the spilled material to any public drainage systems. Avoid the possibility of contamination of surface water or springs. Restrict spill to the smallest area possible. The drag water must take into account the further treatment of contaminated water. Avoid making this drag

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: Collect the product in an emergency container , duly labeled and well closed. Keep the recovered product for subsequent disposal . Do not dispose in the trash . Do not dispose in the sewage system or watercourses . Confine if possible , for later recovery or disposal. The final disposal of this material should be accompanied by an expert and in accordance with the environmental regulations

7. Handling and storage

Precautions for safe handling

- **Prevention of workers exposure:** Use personal protective equipment to avoid contact with the product
- **Fire and explosion:** Keep containers away from heat sources , sparks or open flames. Vapors can focus and create self- ignition or explosion conditions. Signal area to indicate the presence of the product
- **Precautions for safe handling:** Keep the room ventilated during handling, application and drying . Extinguish all flames, electrical equipment and other sources of ignition
- **Hygiene measures**
 - **Suitable:** Wash your hands before eating , drinking 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:** Flammable , pressurized contents . Store product in a covered, cool, dry , ventilated area away from sources of sparks , heat or sunlight
- **Conditions to avoid including incompatibilities:** Humid, discovered, and airless . Never pierce the packaging, never reuse or incinerate container even when empty. Do not expose containers to temperatures above 50°C. Avoid contact with strong oxidizing agents (liquid chlorine and concentrated



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oxygen)

- **Packaging materials**
 - **Suitable:** Metal drums without inner coating of varnish
 - **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 close to workplaces

Individual protection measures, such as personal protective equipment

- **Eye/face protection:** In operations where there may be projections or splashing , it is recommended the use of safety goggles or face shield
- **Skin protection:** Gloves and apron of PVC
- **Respiratory protection:** At low concentrations, wear respirator with chemical filter for organic vapors. At high concentrations, use breathing apparatus or set of air sent
- **Hands protection:** PVC gloves or other resistant to organic solvents
- **Thermal hazards:** Not Available

Other information: Always observe good personal hygiene measures , such as washing after handling the material and before eating , drinking and / or smoking. Routinely wash work clothes and protective equipment to remove contaminants. Discard contaminated clothing and footwear that can not be cleaned. Practice good hygiene and cleanliness.

9. Physical and chemical properties

- **Appearance**
 - Physical state:** Fluid pressure ; **Form:** Liquid; **Color:** Semi-Gloss Colorless
- **Odour:** Distinctive
- **Odour threshold:** Not available
- **pH:** Not applicable
- **Melting point/freezing point:** Not available
- **Initial boiling point:** Not available



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- **Boiling range:** Not available
- **Flash point:** - 20°C
- **Evaporation rate:** Not available
- **Flammability (solid, gas):** Not available
- **Lower flammability or explosive limits:** 0,9%
- **Upper flammability or explosive limits:** 13,1%
- **Vapour pressure:** Not available
- **Vapour density:** Not available
- **Relative density:** 0.876 - 1.000
- **Solubility(ies):** Insoluble in water
- **Partition coefficient: n-octanol/water:** Not available
- **Auto-ignition temperature:** Not available
- **Decomposition temperature:** Not available
- **Viscosity:** 10 - 15
- **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

Incompatible materials: Strong oxidizing agents (liquid chlorine and concentrated oxygen)

Hazardous decomposition products: You can release toxic gases during burning

11. Toxicological information

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

Skin corrosion/irritation: It causes skin irritation

Serious eye damage/irritation: Causes serious eye irritation

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: May cause drowsiness or dizziness

STOT-repeated exposure: May cause damage to liver and kidneys

Aspiration hazard: May be fatal if swallowed and enter airways

Additional information: May cause headache, nausea, dizziness and mental confusion

12. Ecological information



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Toxicity: The product is not classified according to criteria for this hazard GHS . As with most hydrocarbons, its presence in water can affect water quality , harming its use

Persistence and degradability: Not available

Bio accumulative potential: Not available

Mobility in soil: Moderately volatile

Other adverse effects: Can contaminate groundwater

13. Disposal considerations

Disposal methods

- **Product:** Treatment and disposal of the product must be technically evaluated case by case . Discard the product authorized facility
- **Used package:** Discard them in authorized installation . Never pierce the packaging, or the reuse or incinerate after empty

14. Transport information

National and international regulations:

Land Transport:

- **UN Number:** 1950
- **UN Proper Shipping Name:** AEROSOLS
- **Class or division:** 2 - Gases
- **Risk number:** NA
- **UN Packing group:** NA
- **Technical name:** Semi-Gloss Acrilfix Varnish
- **Environmental hazards:** No
- **Terrestrial (Road) Transport Regulation:** ONU - Orange Book

Sea Transport:

- **IMDG/GGVSea/ONU:** 1950
- **Transport hazard class(es):** IMO 2, Sub 2.1 - GASES
- **UN Packing group:** NA
- **Technical name:** Semi-Gloss Acrilfix Varnish
- **Marine Pollutant:** No
- **Waterway Transport Regulation:** Manual IMDG Code (International Maritime Dangerous Goods Code) of IMO (International Maritime Organization)

Aerial Transport:

- **ICAO/IATA/ONU:** 1950



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- **Transport hazard class(es):** 2
- **UN Packing group:** NA
- **Technical name:** Semi-Gloss Acrilfix Varnish
- **Environmental hazards:** No

15. Regulatory information

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