

Product: ALL-PURPOSE VARNISH

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1. Identification

Product identifier: ALL-PURPOSE VARNISH**Recommended use of the chemical:** To apply the brush with glossy finish and fast drying**Identification Code:** 16010/16050**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: Flammable liquids: Category 3 - Skin corrosion/irritation: Category 2 - Eye damage/irritation: Category 2B - Reproductive toxicity: Category 2 - Aspiration hazard: Category 1 - Hazardous to the aquatic environment – short-term (acute) hazard: Category 3 - Hazardous to the aquatic environment – long-term (chronic) hazard: Category 3

GHS labelling

**Signal Word:** Danger

Hazard Statement: H226 - Flammable liquid and vapour . H315 - Causes skin irritation . H320 - Causes eye irritation . H361 - Suspected of damaging fertility or the unborn child. if swallowed. H304 - May be fatal if swallowed and enters airways . H402 - Harmful to aquatic life . H412 - Harmful to aquatic life with long lasting effects .

Precautionary statements:

- **General:** P102 - Keep out of reach of children.
- **Prevention:** P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources . No smoking.
- **Response:** P303 + P361 + P353 - IF ON SKIN (on hair): take off immediately all contaminated clothing. Rinse skin with water [or shower].
- **Storage:** P235 - Keep cool.
- **Disposal:** P501 - Dispose of contents/container to in suitable place.

Other hazards which do not result in classification: Product not suitable for use on skin**Other information:** Inflammable product



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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
Aromatic hydrocarbon	68516-20-1	40 - 60
Thermoplastic Acrylic resin (solids)	-	30 - 40

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:** Remove contaminated clothing , wash with water and soap. Seek medical attention
- **Eye contact:** Rinse with plenty of water for 15 minutes, keeping eyelids open. Seek medical attention
- **Ingestion:** Do not induce vomiting. Search for a doctor

Most important symptoms/effects, acute and delayed: Causes skin irritation. Causes eye irritation. Suspected of damaging fertility or the unborn child. if swallowed. 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: Foam for hydrocarbons, watercourses fog , dry chemical and carbon dioxide (CO2). Cool with water fog the containers exposed to fire . Remove the fire area of containers , if this can be done without risk

Unsuitable extinguishing media: Water jet

Specific hazards arising from the chemical: Vapors may travel to an ignition source and cause kickback flames . Containers may explode in the heat of the fire. There is steam explosion hazard indoors or sewage system. Keep it away from the tanks . Fire can cause the emission of irritating or poisonous gases

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



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- **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:** Personal protective equipment . Avoid contact with eyes and skin . Avoid inhalation of mist / vapors . Avoid direct contact with the liquid.

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: Recovery: Collect the product in an emergency container , duly labeled and well closed. Keep the recovered product for subsequent disposal . Disposition : 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 environmental regulations

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:** Keep away from heat, sparks , open flames and hot surfaces. - Do not smoke. Keep container tightly closed
- **Precautions for safe handling:** Use personal protective equipment. Avoid contact with skin, eyes and mucous membranes . Handle the product in a cool, dry place away from heat sources
- **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:** Provide local exhaust ventilation where processes so require. All conductive parts of the system in contact with the product must be electrically grounded . Use anti-sparking tools . Maintain well-ventilated place at room temperature , atmospheric pressure , and away from heat and ignition sources
- **Conditions to avoid including incompatibilities:** Humid, uncovered , without ventilation and ignition sources . Avoid contact with strong oxidizing agents (liquid chlorine and concentrated oxygen) .
- **Packaging materials**
 - **Suitable:** Metal drums without inner coating of varnish
 - **Unsuitable:** Not available



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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:** PVC gloves and apron
- **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: Not available

9. Physical and chemical properties

- **Appearance**
Physical state: Liquid; **Form:** Liquid; **Color:** Colorless
- **Odour:** Distinctive
- **Odour threshold:** Not available
- **pH:** Not applicable
- **Melting point/freezing point:** Not available
- **Initial boiling point:** Not available
- **Boiling range:** Not available
- **Flash point:** 45°C (closed cup)
- **Evaporation rate:** Not available
- **Flammability (solid, gas):** Not available
- **Lower flammability or explosive limits:** 3,3%
- **Upper flammability or explosive limits:** 19%
- **Vapour pressure:** Not available
- **Vapour density:** Not available
- **Relative density:** 0,925



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- **Solubility(ies):** Soluble in Mineral Turpentine
- **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 a long time

Incompatible materials: Not available

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: Causes skin irritation

Serious eye damage/irritation: Causes 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: Suspected of damaging fertility or the unborn child

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: May be fatal if swallowed and enter airways

Additional information: Not available.

12. Ecological information

Toxicity: Harmful to aquatic life with long lasting effects

Persistence and degradability: Not available

Bio accumulative potential: Not available

Mobility in soil: Moderately volatile

Other adverse effects: Can contaminate groundwater

13. Disposal considerations



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Disposal methods

- **Product:** Treatment and disposal of the product must be technically evaluated case by case . Product remains must be authorized facility in discarded
- **Used package:** Discard them in authorized installation . Do not reuse packaging

14. Transport information

National and international regulations:

Land Transport:

- **UN Number:** 1263
- **UN Proper Shipping Name:** TINTA (incluindo tintas, lacas, esmaltes, tinturas, gomalacas, vernizes, polidores, enchimentos líquidos e bases líquidas para lacas) ou MATERIAL RELACIONADO COM TINTAS (incluindo diluentes ou redutores para tintas)
- **Class or division:** 3 - Flammable liquids
- **Risk number:** 30
- **UN Packing group:** III
- **Technical name:** Acrylic Resin Solution
- **Environmental hazards:** Yes
- **Terrestrial (Road) Transport Regulation:** ONU - Orange Book

Sea Transport:

- **IMDG/GGVSea/ONU:** 1263
- **Transport hazard class(es):** 3
- **UN Packing group:** III
- **Technical name:** Acrylic Resin Solution
- **Marine Pollutant:** Yes

Aerial Transport:

- **ICAO/IATA/ONU:** 1263
- **Transport hazard class(es):** 3
- **UN Packing group:** III
- **Technical name:** Acrylic Resin Solution
- **Environmental hazards:** Yes

15. Regulatory information

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

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