

Product: Fabric Outliner Colorless Guta

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|--|--------------------------------------|---------------------|-----------------------|
| Date of last revision 27/02/2019 | Number of last revision: 2 | SDS N° 85 | Page 1 of 6 |
|--|--------------------------------------|---------------------|-----------------------|

1. Identification

Product identifier: Fabric Outliner Colorless Guta**Recommended use of the chemical:** Indicated to limit areas on thin fabrics, where Aquarela Silk will be applied.**Identification Code:** 04620**Supplier's name:** Acrilex Tintas Especiais S.A.**Address:** Estrada Galvão Bueno, N° 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 2 - Acute toxicity – oral: Category 5 - Eye damage/irritation: Category 2A - Specific target organ toxicity (single exposure): Category 3 - Specific target organ toxicity (repeated exposure): Category 2

GHS labelling

**Signal Word:** Danger**Hazard Statement:** H225 - Highly flammable liquid and vapour . H303 - May be harmful if swallowed . H319 - Causes serious eye irritation . H336 - May cause drowsiness or dizziness. H373 - May cause damage to organs. central nervous system. through prolonged or repeated exposure . if swallowed.**Precautionary statements:**

- **General:** P102 - Keep out of reach of children.
- **Prevention:** P271 - Use only outdoors or in a well-ventilated area.
- **Response:** P314 - Get medical advice/attention if you feel unwell.
- **Storage:** P235 - Keep cool.
- **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:** Product not recommended for children up to 3 years

3. Composition/Information on ingredients



Safety Data Sheet (SDS)

Product: Fabric Outliner Colorless Guta

| | | | |
|--|--------------------------------------|---------------------|-----------------------|
| Date of last revision 27/02/2019 | Number of last revision: 2 | SDS N° 85 | Page 2 of 6 |
|--|--------------------------------------|---------------------|-----------------------|

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 |
|-------------------|-----------|--------------------------------------|
| ethanol | 64-47-5 | 20 - 21 |
| polyvinyl acetate | 9003-20-7 | 11 - 13 |

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: May cause irritation or nausea if swallowed

Indication of immediate medical attention and special treatment: Symptomatic treatment

5. Fire-fighting measures

Suitable extinguishing media: Foam for hydrocarbons, water fog , dry chemical and carbon dioxide (CO₂). Cool with fog d water, the containers exposed to fire . Remove the fire area of containers , if this can be done without risk

Unsuitable extinguishing media: Direct waterjet

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 gases or poisonous

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

Environmental precautions: Avoid contamination of rivers, lakes and water sources , leaving the material flow



Safety Data Sheet (SDS)

Product: Fabric Outliner Colorless Guta

| | | | |
|--|--------------------------------------|---------------------|-----------------------|
| Date of last revision 27/02/2019 | Number of last revision: 2 | SDS N° 85 | Page 3 of 6 |
|--|--------------------------------------|---------------------|-----------------------|

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

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 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 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 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:** Store in plastic bags or fully enclosed plastic packaging
 - **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



Product: Fabric Outliner Colorless Guta

| | | | |
|--|--------------------------------------|---------------------|-----------------------|
| Date of last revision 27/02/2019 | Number of last revision: 2 | SDS N° 85 | Page 4 of 6 |
|--|--------------------------------------|---------------------|-----------------------|

- **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:** 5 - 7
- **Melting point/freezing point:** Not available
- **Initial boiling point:** Not available
- **Boiling range:** Not available
- **Flash point:** 29 °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
- **Vapour density:** Not available
- **Relative density:** 0,961 - 0,981 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 a long time

Incompatible materials: Not available



Safety Data Sheet (SDS)

Product: Fabric Outliner Colorless Guta

| | | | |
|--|--------------------------------------|---------------------|-----------------------|
| Date of last revision 27/02/2019 | Number of last revision: 2 | SDS N° 85 | Page 5 of 6 |
|--|--------------------------------------|---------------------|-----------------------|

Hazardous decomposition products: You can release toxic gases during burning

11. Toxicological information

Acute toxicity: May be harmful if swallowed. Oral ATEmix = 2907 mg / kg

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

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 organs central nervous system through prolonged or repeated exposure if swallowed.

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

Additional information: Not available.

12. Ecological information

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

Persistence and degradability: Not available

Bio accumulative potential: Not available

Mobility in soil: Moderately volatile

Other adverse effects: Their presence in water can transmit undesirable qualities to water , damaging their use. Can contaminate groundwater

13. Disposal considerations

Disposal methods

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

National and international regulations:

Land Transport:

Technical name: Delineador Textil Incoloro Guta

Additional information: The characteristics of the product does not meet the official criteria of dangerous



Safety Data Sheet (SDS)

Product: Fabric Outliner Colorless Guta

| | | | |
|--|--------------------------------------|---------------------|-----------------------|
| Date of last revision 27/02/2019 | Number of last revision: 2 | SDS N° 85 | Page 6 of 6 |
|--|--------------------------------------|---------------------|-----------------------|

goods for purposes of transportation.

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