

Product: Colourless Arabic Gum Varnish

Date of last revision 27/02/2019	Number of last revision: 2	SDS Nº 94	Page 1 of 7
--	--------------------------------------	---------------------	-----------------------

1. Identification

Product identifier: Colourless Arabic Gum Varnish

Recommended use of the chemical: Can be used as a sealer, for securing metallic powders and glitters or can be used as finishing varnish on pieces that will not suffer wear.

Identification Code: 17110/17150

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 1 - Eye damage/irritation: Category 2A - Sensitization – skin: Category 1 - Specific target organ toxicity (single exposure): Category 3 - Specific target organ toxicity (repeated exposure): Category 2 - Hazardous to the aquatic environment – short-term (acute) hazard: Category 3

GHS labelling



Signal Word: Danger

Hazard Statement: H224 - Extremely flammable liquid and vapour . H319 - Causes serious eye irritation . H317 - May cause an allergic skin reaction . H336 - May cause drowsiness or dizziness. H373 - May cause damage to organs. skin. H402 - Harmful to aquatic life .

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:** P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- **Storage:** P235 - Keep cool.
- **Disposal:** P501 - Dispose of contents/container to in a suitable place.

Other hazards which do not result in classification: May cause headache, nausea, dizziness and mental confusion

Other information: Inflammable product



Safety Data Sheet (SDS)

Product: Colourless Arabic Gum Varnish

Date of last revision 27/02/2019	Number of last revision: 2	SDS N° 94	Page 2 of 7
--	--------------------------------------	---------------------	-----------------------

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
ethanol	64-47-5	40 - 50
Acetic acid ethenyl ester, homopolymer	9003-20-7	25 -30
Ethyl acetate	141-78-6	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:** 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 serious eye irritation.May cause an allergic skin reactin. May cause drowsiness or dizziness. Causes damage to organs. piel

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



Safety Data Sheet (SDS)

Product: Colourless Arabic Gum Varnish

Date of last revision 27/02/2019	Number of last revision: 2	SDS N° 94	Page 3 of 7
--	--------------------------------------	---------------------	-----------------------

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: 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: As an immediate precautionary action , isolate the area within a radius of 50 meters, to say the least , in all directions

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 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 , 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 varnish
 - **Unsuitable:** Not available



Product: Colourless Arabic Gum Varnish

Date of last revision 27/02/2019	Number of last revision: 2	SDS N° 94	Page 4 of 7
--	--------------------------------------	---------------------	-----------------------

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 glasses for chemical products.
- **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:** Amber
- **Odour:** Alcoholic
- **Odour threshold:** Not available
- **pH:** Not available
- **Melting point/freezing point:** Not available
- **Initial boiling point:** Not available
- **Boiling range:** Not available
- **Flash point:** 12 °C Test: (closed cup)
- **Evaporation rate:** Not available
- **Flammability (solid, gas):** Not available
- **Lower flammability or explosive limits:** 3,3 % vol
- **Upper flammability or explosive limits:** 19 % vol
- **Vapour pressure:** Not available
- **Vapour density:** Not available
- **Relative density:** 0,907 g/cm³



Product: Colourless Arabic Gum Varnish

Date of last revision 27/02/2019	Number of last revision: 2	SDS N° 94	Page 5 of 7
--	--------------------------------------	---------------------	-----------------------

- **Solubility(ies):** soluble in ethanol
- **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: The product is not classified according to criteria for this hazard GHS

Serious eye damage/irritation: Causes serious eye irritation

Respiratory or skin sensitization: May cause an allergic skin reaction.

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 piel

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

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

12. Ecological information

Toxicity: Harmful to aquatic organisms

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



Safety Data Sheet (SDS)

Product: Colourless Arabic Gum Varnish

Date of last revision 27/02/2019	Number of last revision: 2	SDS Nº 94	Page 6 of 7
--	--------------------------------------	---------------------	-----------------------

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

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:** 33
- **UN Packing group:** II
- **Technical name:** Polyvinyl Acetate in alcohol
- **Environmental hazards:** Yes
- **Terrestrial (Road) Transport Regulation:** ONU - Orange Book

Sea Transport:

- **IMDG/GGVSea/ONU:** 1263
- **Transport hazard class(es):** 3
- **UN Packing group:** II
- **Technical name:** Polyvinyl Acetate in alcohol
- **Marine Pollutant:** Yes
- **Waterway Transport Regulation:** - IMDG Code handbook (International Maritime Dangerous Goods Code) from IMO (International Maritime Organization)

Aerial Transport:

- **ICAO/IATA/ONU:** 1263
- **Transport hazard class(es):** 3
- **UN Packing group:** II
- **Technical name:** Polyvinyl Acetate in alcohol
- **Environmental hazards:** Yes
- **Aerial Transport Regulation:** - IATA handbook (International Air Transportation Association)

15. Regulatory information



Safety Data Sheet (SDS)

Product: Colourless Arabic Gum Varnish

Date of last revision 27/02/2019	Number of last revision: 2	SDS N° 94	Page 7 of 7
--	--------------------------------------	---------------------	-----------------------

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