

**Product: CRYSTAL GLASS B-COMPONENT**

<b>Date of last revision</b> 27/02/2019	<b>Number of last revision:</b> 3	<b>SDS Nº</b> 12	<b>Page</b> 1 of 6
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## 1. Identification

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**Product identifier:** CRYSTAL GLASS B-COMPONENT

**Recommended use of the chemical:** Veneer which simulates glass effect . It can be applied on wood, plaster, ceramic , MDF , glass , metal, painted surfaces or découpage , cardboard , fabric and fabric. No Suitable for flexible surfaces

**Identification Code:** 184000

**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

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**Classification of the substance or mixture:** Acute toxicity – oral: Category 5 - Skin corrosion/irritation: Category 1C - Hazardous to the aquatic environment – long-term (chronic) hazard: Category 2

### GHS labelling



**Signal Word:** Danger

**Hazard Statement:** H303 - May be harmful if swallowed . H314 - Causes severe skin burns and eye damage . H411 - Toxic to aquatic life with long lasting effects .

**Precautionary statements:**

- **General:** P102 - Keep out of reach of children.
- **Prevention:** P280 - Wear protective gloves / protective clothing / eye protection / face protection
- **Response:** P302 + P352 - IN CASE OF CONTACT WITH SKIN . Wash with soap and water in abundance. P305 + P351 + P338 - IN CASE OF EYE CONTACT : Rinse thoroughly with water for several minutes . In case of contact lenses , remove them , if it is easy . Continue rinsing
- **Storage:** P 235 - 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: CRYSTAL GLASS B-COMPONENT

<b>Date of last revision</b> 27/02/2019	<b>Number of last revision:</b> 3	<b>SDS N°</b> 12	<b>Page</b> 2 of 6
--	--------------------------------------	---------------------	-----------------------

**Product Type: Substance**

**Common chemical name or technical name:** Polyamines Modified

**Synonym:** Poly [ oxy (methyl -1,2- ethanediyl ) ] , - ( 2-aminomethyl -ethyl) - omega - ( 2-aminomethyl -ethoxy)

**CAS N°:** 9046-10-0

This substance does not contain impurities that contribute to its hazard.

## 4. First-aid measures

### First-aid measures

- **Inhalation:** If you feel unwell , contact a center of toxicological or doctor. Take this MSDS
- **Skin contact:** Remove contaminated clothing , wash with water and soap. If necessary, seek medical attention
- **Eye contact:** Rinse thoroughly with water for several minutes . In case of contact lenses , remove them , if it is easy . In case of irritation: consult a doctor. Take this MSDS
- **Ingestion:** Do not induce vomiting . Never give anything by mouth to an unconscious person . Wash the victim's mouth with water . If you feel unwell , contact a center of toxicological or doctor. Take this MSDS

**Most important symptoms/effects, acute and delayed:** May be harmful if swallowed. Causes severe skin burns and eye damage

**Indication of immediate medical attention and special treatment:** Symptomatic treatment

## 5. Fire-fighting measures

**Suitable extinguishing media:** Compatible with carbon dioxide ( CO2) , water fog , dry chemical and foam for hydrocarbons

**Unsuitable extinguishing media:** Water jets directly and water directly onto the product in flames

**Specific hazards arising from the chemical:** The combustion of the chemical or its packaging may form toxic and irritant gases such as carbon monoxide and carbon dioxide

**Special protective actions for fire-fighters:** Respiratory protection equipment standalone type ( SCBA) with positive pressure and full protective clothing that offers protection against heat . Containers and tanks involved in the fire should be cooled with water fog . Get away from the fire area containers if it can be done without risk

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- **For non-emergency personnel:** Isolate the leak sources of ignition. Prevent sparks or flames . Do not smoke. Do not touch damaged containers or spilled material without the use of appropriate clothing . Use personal protective equipment as described in Section 8
- **For emergency responders:** Personal protective equipment



## Safety Data Sheet (SDS)

Product: CRYSTAL GLASS B-COMPONENT

<b>Date of last revision</b> 27/02/2019	<b>Number of last revision:</b> 3	<b>SDS N°</b> 12	<b>Page</b> 3 of 6
--	--------------------------------------	---------------------	-----------------------

**Environmental precautions:** Avoid contamination of rivers, lakes and water sources , leaving the material flow into waterways , pipelines and galleries

**Methods and materials for containment:** Use water mist or vapor suppressing foam to reduce the dispersion of the product. Use natural barriers or spill containment. Collect the spilled product and place in suitable containers . Adsorbs the remaining product dried with sand, vermiculite or other inert material.

**Area isolation:** Isolate and signal the location

**Methods and materials for cleaning up:** Place the adsorbed material into suitable containers and remove them to a safe place . For disposal proceed pursuant to Section 13 of this MSDS

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## 7. Handling and storage

### Precautions for safe handling

- **Prevention of workers exposure:** Use personal protective equipment to avoid contact with the product. Handle in accordance with established safety standards
- **Fire and explosion:** Non flammable
- **Precautions for safe handling:** Handle in a ventilated area or general ventilation system / local exhaust ventilation. Avoid formation of vapors and mists . Avoid exposure to the product. Avoid contact with incompatible materials . Use personal protective equipment as described in Section 8
- **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 the packaging always closed
- **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:** Store in plastic bags or fully enclosed plastic packaging
  - **Unsuitable:** Do not store the product with explosive materials , flammable and / or toxic , oxidizing substances , corrosive , organic peroxides spontaneous combustion materials and radioactive materials

**Other information:** Not available

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## 8. Exposure controls/personal protection

### Control parameters

- **Occupational exposure limits:** Not available



## Safety Data Sheet (SDS)

Product: CRYSTAL GLASS B-COMPONENT

<b>Date of last revision</b> 27/02/2019	<b>Number of last revision:</b> 3	<b>SDS N°</b> 12	<b>Page</b> 4 of 6
--	--------------------------------------	---------------------	-----------------------

- **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

**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

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## 9. Physical and chemical properties

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- **Appearance**  
**Physical state:** Liquid; **Form:** Liquid; **Color:** Colorless to yellowish
- **Odour:** Characteristic of Amina
- **Odour threshold:** Not available
- **pH:** 11,3 (10g/L a 20°C)
- **Melting point/freezing point:** - 88°C
- **Initial boiling point:** > 200°C
- **Boiling range:** Not available
- **Flash point:** 128°C
- **Evaporation rate:** Not available
- **Flammability (solid, gas):** Not available
- **Lower flammability or explosive limits:** 0,7
- **Upper flammability or explosive limits:** 5
- **Vapour pressure:** 1
- **Vapour density:** Not available
- **Relative density:** 0,98 - 1,02
- **Solubility(ies):** Soluble in organic solvents. Water-miscible
- **Partition coefficient: n-octanol/water:** 1,34 (25°C)
- **Auto-ignition temperature:** 230°C
- **Decomposition temperature:** Not available
- **Viscosity:** 80 a 110
- **Additional information:** Not available

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## 10. Stability and reactivity



## Safety Data Sheet (SDS)

Product: CRYSTAL GLASS B-COMPONENT

<b>Date of last revision</b> 27/02/2019	<b>Number of last revision:</b> 3	<b>SDS N°</b> 12	<b>Page</b> 5 of 6
--	--------------------------------------	---------------------	-----------------------

**Chemical stability:** Stable under normal conditions of storage and handling

**Reactivity:** Reacts with component A polymerizing and forming little flexible film

**Possibility of hazardous reactions:** Acid , heat formation occurs

**Conditions to avoid:** Elevated temperatures . Ignition sources. Incompatible materials

**Incompatible materials:** Strong acids, strong bases , strong oxidants and amines

**Hazardous decomposition products:** In combustion releases toxic and irritant gases such as carbon monoxide and carbon dioxide

### 11. Toxicological information

**Acute toxicity:** May be harmful if swallowed

**Skin corrosion/irritation:** Causes severe skin burns and eye damage

**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:** Not available

### 12. Ecological information

**Toxicity:** Toxic to aquatic life with long lasting effects

**Persistence and degradability:** The product is persistent and is not considered rapidly degradable . It is expected a high potential for bioaccumulation in aquatic organisms

**Bio accumulative potential:** It is expected that the product has low potential bioacumulativo.log Kow : > 2

**Mobility in soil:** Not available

**Other adverse effects:** Not available

### 13. Disposal considerations

#### Disposal methods

- **Product:** t must be disposed of as hazardous waste in compliance with local regulations . Treatment and disposal should be evaluated specifically for each product. federal, state and local laws should be consulted , among these : CONAMA 005/1993 , Law n°12.305 of 02 August 2010 ( National Policy on Solid Waste )



## Safety Data Sheet (SDS)

Product: CRYSTAL GLASS B-COMPONENT

<b>Date of last revision</b> 27/02/2019	<b>Number of last revision:</b> 3	<b>SDS N°</b> 12	<b>Page</b> 6 of 6
--	--------------------------------------	---------------------	-----------------------

- **Used package:** Do not reuse empty containers . These may contain residues of the product and should be kept closed and sent for proper disposal as established for the product

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### 14. Transport information

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#### National and international regulations:

##### Land Transport:

**Technical name:** Verniz Vidro Crystal Componente - B

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

**Additional Regulation:** Not available

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### 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)

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### 16. Other information

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#### 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