

Product: Instant Adhesive

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## 1. Identification

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**Product identifier:** Instant Adhesive

**Recommended use of the chemical:** Instant Adhesive for general use, having as a characteristic a fast glue. Indicated for MDF and low porosity wood, rubber, paper, paperboard, leather, cork, porcelain, and plastics (except PE, PP and PS)

**Identification Code:** 20310/20320/20321//20330

**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

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## 2. Hazard identification

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**Classification of the substance or mixture:** Flammable liquids: Category 4 - Skin corrosion/irritation: Category 2 - Eye damage/irritation: Category 2B - Specific target organ toxicity (single exposure): Category 3

### GHS labelling



**Signal Word:** Warning

**Hazard Statement:** H227 - Combustible liquid . H315 - Causes skin irritation . H320 - Causes eye irritation . H335 - May cause respiratory irritation.

**Precautionary statements:**

- **General:** P103 - Read label before use.
- **Prevention:** P271 - Use only outdoors or in a well-ventilated area.
- **Response:** P302 + P352 - IF ON SKIN: Wash with plenty water. P321 - Specific treatment (see... on this label). P332 + P313 - If skin irritation occurs: Get medical advice/attention. P362 + P364 - Take off contaminated clothing and wash it before reuse. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 - Call a POISON CENTER/doctor/... if you feel unwell.
- **Storage:** P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.
- **Disposal:** P501 - Dispose of contents/container in a suitable place.

**Other hazards which do not result in classification:** Bond the skin and eyes in seconds.

**Other information:** EUH202 - Cyanoacrylate. Danger.



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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
Ethyl 2-Cyanoacrylate	7085-85-0	80 - 100

### 4. First-aid measures

#### First-aid measures

- **Inhalation:** Remove the victim to fresh air and keep at rest in a position comfortable for breathing. Search for a doctor
- **Skin contact:** Do not pull bonded skin apart. Soak in warm soapy water. Gently peel apart using a blunt instrument. If skin is burned due to the rapid generation of heat by a large drop, seek medical attention. If lips are bonded, apply warm water to the lips and encourage wetting and pressure from saliva in mouth. Peel or, roll lips apart. Do not pull lips apart with direct opposing force. Remove contaminated clothing, wash with water and soap. Seek medical attention if irritation or other symptoms present.
- **Eye contact:** If eyelids are bonded closed, release eyelashes with warm water by covering with a wet pad. Do not force eye open. Cyanoacrylate will bond to eye protein and will cause a lachrymatory effect which will help to debond the adhesive. Keep eye covered until debonding is complete, usually within 1-3 days. Medical attention should be sought in case solid particles of polymerized, cyanoacrylate trapped behind the eyelid caused abrasive damage. keeping eyelids open. Take this SDS
- **Ingestion:** Ensure breathing passages are not obstructed. The product will polymerize rapidly and bond to the mouth making it almost impossible to swallow. Saliva will separate any solidified product in several hours. Prevent the patient from swallowing any separated mass. Search for a doctor

**Most important symptoms/effects, acute and delayed:** Causes eye irritation. May cause respiratory irritation. Cause skin irritation. Bond skin and eyes in seconds.

**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 (CO<sub>2</sub>)

**Unsuitable extinguishing media:** Water jet

**Specific hazards arising from the chemical:** It may release toxic gases during the burning.

**Special protective actions for fire-fighters:** Use of SCBA and suitable protective clothing



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### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

- **For non-emergency personnel:** Personal protective equipment
- **For emergency responders:** Personal protective equipment

**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:** Do not use any type of fabrics and / or papers to clean. Polymerize with water and scrape the floor, absorb the product with polypropylene flakes for later disposal.

**Area isolation:** Keep unauthorized persons away from the area.

**Methods and materials for cleaning up:** Collect the product in an emergency container, duly labeled and well closed. Keep the recovered product for later elimination. Do not dispose into the environment. 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 container tightly closed when not in use. Keep away from sources of ignition and incompatible materials.
- **Precautions for safe handling:** Handle in accordance with good industrial hygiene and safety practice. Use PPE indicated in section 8. Avoid contact of the product with skin, eyes and mucous membranes. Do not drop packaging. Avoid holes and product label loss. Ventilation is recommended when using large volumes, or when the odor becomes apparent (approximately 1 to 2 ppm).
- **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 a cool, dry, well-ventilated place away from direct sunlight and away from heat sources. Always store in original containers. Periodically inspect containers for damage or leaks.
- **Conditions to avoid including incompatibilities:** Places humid, discovered, and airless. Avoid contact with strong oxidizing agents (liquid chlorine and concentrated oxygen)
- **Packaging materials**



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- **Suitable:** Store in original containers between 5 and 28 ° C.
- **Unsuitable:** Cardboard barrels with plastic bags.

**Other information:** Not available

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## 8. Exposure controls/personal protection

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### Control parameters

- **Occupational exposure limits:** Ethyl 2-Cyanoacrylate ACGIH-TLV-TWA: 0,2 ppm
- **Biological indicators values:** Not Available.
- **Other limits and values:** Not Available.

**Appropriate engineering controls:** Use adequate ventilation / exhaust at the workplace. Keep concentrations below occupational exposure limits.

### 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:** nitrile gloves and aprons.
- **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:** Gloves made of polyethylene, polypropylene or latex for little contact. Prolonged contact should be used with nitrile rubber gloves or other organic solvent resistant gloves.
- **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 habits of hygiene and cleanliness

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## 9. Physical and chemical properties

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- **Appearance**  
**Physical state:** Liquid; **Form:** Viscous; **Color:** Colorless
- **Odour:** Irritating
- **Odour threshold:** 1 - 2 ppm
- **pH:** Not available
- **Melting point/freezing point:** Not available
- **Initial boiling point:** > 149 °C
- **Boiling range:** Not available



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- **Flash point:** 80 - 93 °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:** 3
- **Relative density:** 1.1 g/cm<sup>3</sup>
- **Solubility(ies):** Polymerises in presence of water.  
Polymerises on contact with water.
- **Partition coefficient: n-octanol/water:** > 2%; 20 g/L
- **Auto-ignition temperature:** 485 °C
- **Decomposition temperature:** Not available
- **Viscosity:** A1 (45 -65)  
A2 (85-150)  
A3 (1350-1950) cPs
- **Additional information:** A1 = low viscosity , A2 = medium viscosity, A3 = high viscosity

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## 10. Stability and reactivity

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

**Reactivity:** Rapid exothermic polymerization occurs in the presence of water, amines, bases and alcohols.

**Possibility of hazardous reactions:** Rapid exothermic polymerization occurs in the presence of water, amines, bases and alcohols.

**Conditions to avoid:** Exposure to high temperatures for a long time

**Incompatible materials:** Water, Amines, Alkalis, Alcohols.

**Hazardous decomposition products:** Oxides of carbon, oxides of nitrogen

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## 11. Toxicological information

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**Acute toxicity:** The product is not classified according to criteria for this hazard GHS . ATEmix Oral = >5240 mg/kg

**Skin corrosion/irritation:** It causes skin irritation.ATEmix Dermal= > 2000mg/kg

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

**STOT-single exposure:** May cause respiratory irritation

**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



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Additional information: Not available

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### 12. Ecological information

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

**Persistence and degradability:** Product not completely biodegradable

**Bio accumulative potential:** Not available

**Mobility in soil:** Not available.

**Other adverse effects:** Can contaminate groundwater

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### 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 in disposed installation
  - **Used package:** Discard them in authorized installation . Do not reuse packaging
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### 14. Transport information

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#### National and international regulations:

##### Land Transport:

**Technical name:** Ethyl 2-Cyanocrylate

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

**Additional Regulation:** ICAO/IATA/ONU 3334 - Hazard class or division:9 - Aviation, regulated liquid, n.o.s.  
TECHNICAL NAME: Ethyl 2-Cyanocrylate.

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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



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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