

**Product:** Primer for Metals, PET and Glass

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## 1. Identification

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**Product identifier:** Primer for Metals, PET and Glass**Recommended use of the chemical:** Also used as a preparatory base for metals, PET and glass, can be painted later with Acrylic Paints, Craft Matte Paint and Metal Colors. Can be applied on glass, aluminum, metal, iron and galvanized surfaces.**Identification Code:** 18910 /18925**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:** Skin corrosion/irritation: Category 3 - Specific target organ toxicity (single exposure): Category 3 - Hazardous to the aquatic environment – short-term (acute) hazard: Category 2

### GHS labelling

**Signal Word:** Warning**Hazard Statement:** H316 - Causes mild skin irritation . H335 - May cause respiratory irritation. H401 - Toxic to aquatic life .**Precautionary statements:**

- **General:** P102 - Keep out of reach of children.
- **Prevention:** P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- **Response:** P332 + P313 - If skin irritation occurs: Get medical advice/attention.
- **Storage:** P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.
- **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:** Not available

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## 3. Composition/Information on ingredients

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**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
Emulsion Acrylic Resin (solid)	not applicable	15 - 20
Zinc and aluminum phosphate	7779-90-0	8 - 12
ethylene glycol monobutyl ether	111-76-2	1 - 2
Aluminum Silicate	92704-41-1	15 - 20
Mixture base on isothiazolones	-	0,2 - 0,3

### 4. First-aid measures

#### First-aid measures

- **Inhalation:** Remove to an uncontaminated place , apply artificial respiration if there is respiratory arrest. Forward to medical care
- **Skin contact:** Remove contaminated clothing , wash with water and soap . Seek medical attention if irritation or other symptoms present
- **Eye contact:** Rinse with plenty of water for 15 minutes, keeping eyelids open. Seek medical attention
- **Ingestion:** Do not induce vomiting , seek medical advice stating the type of product

**Most important symptoms/effects, acute and delayed:** Causes mild skin irritation, May cause respiratory irritation.

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

### 5. Fire-fighting measures

**Suitable extinguishing media:** Foam extinguishers, dry chemical, CO<sub>2</sub> ( carbon dioxide) , water spray. Cool packaging under the action of fire , and remove those that were not met away from the flames

**Unsuitable extinguishing media:** Direct waterjet

**Specific hazards arising from the chemical:** You can release toxic gases during burning

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

### 6. Accidental release measures

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

- **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:** Use of SCBA and suitable protective clothing



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

**Methods and materials for containment:** Absorb with earth or other absorbent material

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

**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.

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## 7. Handling and storage

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### Precautions for safe handling

- **Prevention of workers exposure:** Handle in accordance with established safety standards. Use personal protective equipment
- **Fire and explosion:** Landing equipment when handling. Do not smoke. Do not handle the product near sources of heat or ignition
- **Precautions for safe handling:** Use personal protective equipment indicated . Avoid contact with skin, eyes and mucous membranes . Handle the product in a cool, airy place . Do not reuse the embalagem. Não smoke, eat or drink in the product handling area
- **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 containers always closed
- **Conditions to avoid including incompatibilities:** Wet , uncovered and without ventilação. Não local store the product with explosive materials , flammable and / or toxic , oxidizing substances , corrosive , organic peroxides spontaneous combustion materials and radioactive materials
- **Packaging materials**
  - **Suitable:** Steel drums with an inner lining of varnish and / or plastic containers
  - **Unsuitable:** Not available

**Other information:** Not available

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## 8. Exposure controls/personal protection

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### Control parameters

- **Occupational exposure limits:** Not available
- **Biological indicators values:** Not available



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- **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:** Not applicable ; **Form:** Not available; **Color:** White
- **Odour:** Not applicable
- **Odour threshold:** Not available
- **pH:** 8,0 - 9,0
- **Melting point/freezing point:** Not available
- **Initial boiling point:** Not available
- **Boiling range:** Not available
- **Flash point:** Not available
- **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:** 1,275 - 1,285 g/cm<sup>3</sup>
- **Solubility(ies):** Not applicable
- **Partition coefficient: n-octanol/water:** Not available
- **Auto-ignition temperature:** Not available
- **Decomposition temperature:** Not available
- **Viscosity:** 25 - 30 Poise
- **Additional information:** Not available

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## 10. Stability and reactivity



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**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 prolonged periods can cause changes in the product

**Incompatible materials:** Do not store the product with explosive materials , flammable and / or toxic , oxidizing substances , corrosive , organic peroxides spontaneous combustion materials and radioactive materials

**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:** It causes mild skin irritation

**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:** 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

**Additional information:**

### 12. Ecological information

**Toxicity:** Toxic to aquatic organisms

**Persistence and degradability:** Not available

**Bio accumulative potential:** Not available

**Mobility in soil:** Product miscible in water , it is expected mobility in soil

**Other adverse effects:** Avoid contamination of rivers, lakes and water sources , leaving the material flow into waterways , pipelines and galleries

### 13. Disposal considerations

#### Disposal methods

- **Product:** Do not throw the product into sewers, drains , soil or water source. Any disposal practice must be in accordance with current legislation
- **Used package:** Do not reuse packaging



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### 14. Transport information

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**National and international regulations:**

**Land Transport:**

**Technical name:** Primer for Metals, PET and Glass

**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