# SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

## 1.1 Product identifier

Product name: ADHESIVO Y SELLADOR HÍBRIDO

## 1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: According to the technical data sheet of the product.

## 1.3 Details of the supplier of the Safety Data Sheet

**TECNOLOGÍA ARGENTINA EN CINTAS S.A. (TACSA)**
Av. Felipe Pastre 1790,
(B1686HRD) Hurlingham, Buenos Aires, Argentina.
P: +54 11 7700 1900 - Web: www.tacsa.com.ar

## 1.4 Emergency telephone number

| | |
|---|---|
| Emergency phone (24 hours): | CIQUIME 0800 222 2933 (from Argentina)<br>+54 11 4552 8747 (other countries) |

# SECTION 2 – HAZARDS IDENTIFICATION

## 2.1 Classification of the substance or mixture

**Classification according to the Globally Harmonized System**
Skin sensitization (Category 1A)
Short-term (acute) aquatic hazard (Category 3)

## 2.2 Label elements

**Pictogram:**



**Signal word:** WARNING

**Hazard statements:**
H317 - May cause an allergic skin reaction.
H402 - Harmful to aquatic life.

**Precautionary statements:**
P261 - Avoid breathing fume, mist, vapours and spray.
P273 - Avoid release to the environment.
P280 - Wear protective gloves.
P302 + P352 - IF ON SKIN: Wash with plenty of water.
P333 + P313 - IF SKIN IRRITATION OR RASH OCCURS: Get medical advice or attention.
P362 + P364 - Take off contaminated clothing and wash it before reuse.
P501 - Dispose of contents and/or container in accordance with national and international regulations.

### 2.3 Other hazards

There are no other additional hazards of consideration in the classification.

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Substance

Does not apply.

### 3.2 Mixtures

| IDENTIFICATION NAME | CAS No. | Weight % | CLASSIFICATION* |
|---|---|---|---|
| Trimethoxyvinylsilane | 2768-02-7 | 1 - 10 | Flam. Liquid 3; Acute Tox. 4; Skin Sens. 1B |
| p-Cresol, 2-(2H-benzotriazol-2-yl)-6-dodecyl- | 23328-53-2 | < 1 | Aquatic Chronic 2 |
| bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate | 52829-07-9 | < 1 | Eye Dam. 1; Repr. 2; Aquatic Acute 1; Aquatic Chronic 2 |
| 3-aminopropyltriethoxysilane | 919-30-2 | < 1 | Acute Tox. 4; Skin Corr. 1B |

* See section 16 for details of abbreviations.

## SECTION 4 - FIRST AID MEASURES

### 4.1 Description of first aid measures

General advice: Avoid exposure to the product and take appropriate protective measures. Consult your doctor with the safety data sheet.

Inhalation: Move victim to an area with clean air. Keep her at rest. If not breathing, apply CPR. Call the doctor.

Skin contact: Immediately wash skin with plenty of soap and water for at least 15 minutes.

Eye contact: Immediately flush eyes with water for at least 15 minutes, keeping eyelids open. If you have contact lenses, remove them after 5 minutes and continue rinsing eyes. Consult the doctor.

Ingestion: DO NOT INDUCE VOMITING. Rinse mouth with water. If the victim is unconscious, call a doctor immediately, and turn her on her side to reduce the risk of aspiration. Do not give the victim anything to drink or eat.

### 4.2 Most important symptoms and effects, both acute and delayed

Inhalation: No significant effects expected.
Skin contact: May cause dermatitis or allergies in susceptible individuals.
Eye contact: No significant effects expected. May cause transient irritation.
Ingestion: May cause nausea, vomiting, diarrhea, and stomach upset.
Chronic or repeated exposure: No significant effects expected.

### 4.3 Indication of any immediate medical attention and special treatment needed

Medical advice: Perform symptomatic treatment. For more information, consult a Poison Center.

## SECTION 5 – FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Use dry chemical, foam, sand or carbon dioxide ($CO_2$). Use the product according to surrounding materials. DO NOT USE water jets as it may spread fire.

### 5.2 Special hazards arising from the substance or mixture

The liquid will not ignite easily.

### 5.3 Advice for firefighters

**5.3.1 Firefighting instructions**

Spray containers and/or tanks with water to keep them cool.
Continue cooling with water after fire is out.
Prevent water used for fire control from entering watercourses, drains or springs.

**5.3.2 Protective clothing**

Use SCBA and structural protection clothing for firefighters.

**5.3.3 Hazardous combustion products**

In case of fire, it may release irritating and/or toxic fumes and gases, such as carbon monoxide, and other substances derived from incomplete combustion.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

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

**6.1.1 For non-emergency personnel**

Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Evacuate personnel to a ventilated area.

**6.1.2 For emergency responders**

For large spills, if necessary, use positive pressure self-contained breathing apparatus and fire-fighting protective clothing (including a fire helmet, jacket, trousers, boots and gloves). Avoid contact with the product during operations.
For spills without fire or in the post-fire clean-up phase, wear chemical protective clothing.
Eliminate all sources of ignition (no smoking, flares, sparks or open flames in danger area). Evacuate people to a ventilated area. Ventilate immediately, especially in low areas where vapors may accumulate. Do not allow reuse of spilled product.

### 6.2 Environmental precautions

Contain spilled liquid with a dam or barrier. Prevent entry into navigable waterways, sewers, basements or uncontrolled confined areas. This product may be harmful to the environment, especially if released in large quantities.

### 6.3 Methods and material for containment and cleaning up

Contain and recover the liquid when possible. Collect the liquid product with sand, vermiculite, earth, or inert absorbent material and then completely clean the affected area. Dispose of the waste properly. Dispose of the water and collected waste in marked containers for disposal as chemical waste.

### 6.4 Reference to other sections

See Section 8 - Exposure Controls and Personal Protection, and Section 13 – Disposal considerations.

## SECTION 7 – HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Do not eat, drink or smoke during handling. Avoid contact with eyes, skin and clothing. Wash after handling.

### 7.2 Conditions for safe storage, including any incompatibilities

Storage conditions:
Store in a clean, dry, well-ventilated area. Protect from the sunlight to avoid excessive increases in container temperature. Keep containers/packages closed. Do not store together with:
- Pharmaceuticals, food, and animal feed, including additives.
- Infectious, radioactive, and explosive substances.
- Strong oxidizing substances of Class 5.1.

Under certain conditions, storage together with the following substances is permitted (refer to specific legislation and/or regulations):
- Gases.
- Flammable liquids of Class 3.
- Other explosive substances of Class 4.1A.
- Pyrophoric substances.
- Substances that release flammable gases on contact with water.
- Ammonium nitrate and preparations containing ammonium nitrate.
- Organic peroxides and self-reactive substances.
- Combustible and non-combustible substances of acute toxicity of Class 6.1.

The substance must not be stored together with substances with which hazardous chemical reactions can occur.

| | |
|---|---|
| Packaging materials: | Supplied by the manufacturer. |
| Incompatibilities: | Keep away from Oxidizing mineral acids and strong oxidizing agents. |

### 7.3 Specific end use(s)

According to the technical data sheet of the product.

## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

| | |
|---|---|
| TLV-TWA (ACGIH): | N/D |
| TLV-STEL (ACGIH): | N/D |
| PEL (OSHA): | N/D |
| IDLH (NIOSH): | N/D |

## 8.2 Exposure controls

### 8.2.1 Appropriate engineering controls

Keep the workplace ventilated. Normal routine ventilation is usually adequate. Local hoods should be used for operations that produce or release large amounts of product. In low or confined areas mechanical ventilation should be provided. Provide showers and eyewash stations.

### 8.2.2. Individual protection measures, such as personal protective equipment

| | |
|---|---|
| Eye and face protection: | When necessary, wear safety glasses (complying with EN 166). |
| Skin protection: | When necessary, wear impermeable protective PVC, nitrile or butyl gloves (complying with standards EN 374), clothes and safety footwear resistant to chemicals. |
| Respiratory protection: | When necessary, wear an organic gas or steam (A) respirator. Special attention to oxygen levels in the air should be paid.<br>If large releases occur, wear self-contained breathing apparatus (SCBA). |

# SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

## 9.1. Information on basic physical and chemical properties

| | |
|---|---|
| Appearance: | Liquid. |
| Colour: | Slight. |
| Odour: | N/D |
| Odour threshold: | N/D |
| pH: | N/D |
| Melting point: | N/D |
| Boiling point: | > 35°C (95°F) |
| Evaporation rate: | N/D |
| Flammability: | The product is not flammable. |
| Flash point: | > 93°C (200°F) |
| Explosive limits: | N/D |
| Auto-ignition temperature: | N/D |
| Decomposition temperature: | N/D |
| Vapour pressure (20°C): | N/D |
| Vapour density (air=1): | N/D |
| Relative density (20°C): | 1,39 - 1,59 g/cm³ |
| Solubility (20°C): | Insoluble in water. |
| Partition coefficient (logKo/w): | N/D |
| Viscosity (cSt, 40°C): | N/D |
| Henry constant (20°C): | N/D |

| | |
|---|---|
| Explosive properties: | Not explosive. This study is not necessary because in the product there are no substances with chemical groups associated with explosive properties. |
| Oxidizing properties: | This study is not necessary because there are no substances that, due to their chemical structure, can react exothermically with combustible materials. |

### 9.2 Other information

| | |
|---|---|
| Other properties: | None. |

## SECTION 10 – STABILITY AND REACTIVITY

### 10.1. Reactivity

It is not expected that product reactions or decomposition may occur under normal storage conditions. It does not contain organic peroxides. It is not corrosive to metals. It does not react with water.

### 10.2. Chemical stability

The product is chemically stable and it does not require stabilizers.

### 10.3. Possibility of hazardous reactions

No hazardous polymerization is expected.

### 10.4. Conditions to avoid

Avoid high temperatures.

### 10.5. Incompatible materials

Keep away from Oxidizing mineral acids and strong oxidizing agents.

### 10.6. Hazardous decomposition products

When heated, it may release toxic and irritating vapors. In case of fire, see section 5.

## SECTION 11 – TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Acute toxicity:
There are no toxicity tests performed on the product, but acute toxicity values are presented according to acute toxicity estimation calculations [3.1.3.6.2.3, GHS].
ATE-LD50 oral (calc.): > 2000 mg/kg
ATE-LD50 der (calc.): > 2000 mg/kg
ATE-LC50 inh. (4 hs., calc): > 5 mg/l
Skin irr. (rabbit, estim.): not irritant. Not classified as a skin irritant because it does not contain components classified as skin irritants [Table 3.2.3, GHS]
Eye irr. (rabbit, estim.): not irritant. Not classified as an eye irritant because it does not contain components classified as eye irritants [Table 3.3.3, GHS]
Skin sens (Guinea pig, estim.): sensitizing. Classification of skin sensitizer based on the concentration of components classified as skin sensitizers. [Table 3.4.5, GHS]

Resp. sens (Guinea pig, estim.): not sensitizing.

**Carcinogenicity, mutagenicity and reproductive toxicity:**

Carcinogenicity: There are no components in this product at concentrations greater than or equal to 0.1% that are classified as carcinogenic by the International Agency for Research on Carcinogens.

Mutagenicity: There are no components in this product at concentrations greater than 0.1% that are classified as mutagenic under the GHS [Table 3.5.1, GHS].

Repr. Tox.: There are no components in this product at concentrations greater than 0.1% that are classified as reproductive toxicant under the GHS with effects on sexual function and fertility. [Table 3.7.1, GHS]

Teratogenicity: There are no components in this product at concentrations greater than 0.1% that are classified as reproductive toxicant under the GHS with effects on offspring development. [Table 3.7.1, GHS]

STOT-SE: Not classified as a specific target organ toxicant because it does not contain components classified as specific target organ toxicants at concentrations greater than 1% [Table 3.8.2, GHS].

STOT-RE: There are no components in this product at concentrations greater than 1% that classify as toxic to target organs after prolonged or repeated exposure according to the GHS. [Table 3.9.3, GHS]

Aspiration: There are no components in this product that classify as hazardous by aspiration according to the GHS.

Other health hazards: It does not contain substances considered endocrine disruptors or neurotoxicants.

**Acute and chronic effects:**

Routes of exposure: Inhalation, skin and eye contact.

Inhalation: No significant effects expected.

Skin contact: May cause dermatitis or allergies in susceptible individuals.

Eye contact: No significant effects expected. May cause transient irritation.

Ingestion: May cause nausea, vomiting, diarrhea, and stomach upset.

Chronic or repeated exposure: No significant effects expected.

## SECTION 12 – ECOLOGICAL INFORMATION

### 12.1. Toxicity

There is no information about the ecotoxicity of the product, but ecotoxicity values are presented according to acute toxicity estimation calculations [4.1.3.5.2, GHS].

ATE-EC50 (fish, calc., 96 h): > 100 mg/l
ATE-EC50 (inv., calc., 48 h): > 100 mg/l
ATE-EC50 (algas, calc., 72 h): > 10 - ≤ 100 mg/l
ATE-NOEC (fish, calc., 14 d): > 1 mg/l
ATE-NOEC (inv., calc., 14 d): > 1 mg/l
PNEC (water): N/D
PNEC (sea): N/D
PNEC-STP: N/D

### 12.2. Persistence and degradability

BIODEGRADABILITY (estimated): Based on calculations based on the composition, the product is expected to be partially biodegradable.

### 12.3. Bioaccumulative potential

Log $K_{o/w}$: N/D

BIOCONCENTRATION FACTOR - BCF (OCDE 305): N/D

### 12.4. Mobility in soil

HENRY CONSTANT (20°C): N/D
LogKoc: N/D .

### 12.5. Results of PBT and vPvB assessment

This product does not meet the PBT criteria of Annex XIII of REACH. This product does not meet the vPvB criteria in Annex XIII of REACH.

### 12.6. Other adverse effects

AOX and metal containing: Does not contain organic halogens nor metals.

## SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of excess product and empty containers in accordance with current environmental protection legislation. Classify and dispose of waste with an authorized company. Disposal procedure: incineration.

## SECTION 14 – TRANSPORT INFORMATION

### 14.1 Transport by land

| | |
|---|---|
| Proper Shipping Name: | NOT CLASSIFIED AS A DANGEROUS GOODS |
| UN/ID Number: | NOT CLASSIFIED AS A DANGEROUS GOODS |
| Hazard class: | NOT CLASSIFIED AS A DANGEROUS GOODS |
| Packing group: | NOT CLASSIFIED AS A DANGEROUS GOODS |
| Hazard identification number: | NOT CLASSIFIED AS A DANGEROUS GOODS |
| Excepted and limited quantity: | NOT CLASSIFIED AS A DANGEROUS GOODS |
| Special provisions: | NOT CLASSIFIED AS A DANGEROUS GOODS |

### 14.2 Air transport (ICAO/IATA)

| | |
|---|---|
| Proper Shipping Name: | NOT CLASSIFIED AS A DANGEROUS GOODS |
| UN/ID Number: | NOT CLASSIFIED AS A DANGEROUS GOODS |
| Hazard class: | NOT CLASSIFIED AS A DANGEROUS GOODS |
| Packing group: | NOT CLASSIFIED AS A DANGEROUS GOODS |
| PAX and Cargo Packing instructions: | NOT CLASSIFIED AS A DANGEROUS GOODS |
| Cargo Packing instructions: | NOT CLASSIFIED AS A DANGEROUS GOODS |
| ERC: | NOT CLASSIFIED AS A DANGEROUS GOODS |
| Special provisions: | NOT CLASSIFIED AS A DANGEROUS GOODS |

### 14.3 Sea transport (IMO)

**IMDG Code**

| | |
|---|---|
| Proper Shipping Name: | NOT CLASSIFIED AS A DANGEROUS GOODS |

| | |
|---|---|
| UN/ID N°: | NOT CLASSIFIED AS A DANGEROUS GOODS |
| Hazard class: | NOT CLASSIFIED AS A DANGEROUS GOODS |
| Packing group: | NOT CLASSIFIED AS A DANGEROUS GOODS |
| EMS: | NOT CLASSIFIED AS A DANGEROUS GOODS |
| Stowage and manipulation: | NOT CLASSIFIED AS A DANGEROUS GOODS |
| Segregation: | NOT CLASSIFIED AS A DANGEROUS GOODS |
| Marine pollutant: | NO |

Proper Shipping Name: NOT CLASSIFIED AS A DANGEROUS GOODS

## SECTION 15 – REGULATORY INFORMATION

Not dangerous for the ozone layer.
Volatile organic compounds (VOC's): N/D

**Regulation**

Globally Harmonized System of Classification and Labelling of Chemicals, fifth revised edition, 2013 (GHS 2013 - 'ST / SG / AC 10/30 / Rev.5'). The fifth edition is taken into consideration because it is the one valid for Argentina according to Resolution 801/2015 of the SRT. In any case, the information is contrasted with Revision 10 ('ST / SG / AC 10/30 / Rev.10') and clarification is made if required.
Agreement on Transport of Dangerous Products within the MERCOSUR, MERCOSUR\CMC\DEC N° 15/2019.
European Agreement on the International Carriage of Dangerous Goods by Road (ADR) and amendments.
International Maritime Dangerous Goods Code (IMDG), International Maritime Organization (IMO).
Regulations of the International Air Transport Association (IATA) on the transport of dangerous goods by air.

## SECTION 16 – OTHER INFORMATION

### 16.1 Abbreviations and acronyms

ACGIH: American Conference of Governmental Industrial Hygienists.
ATE: Acute toxicity estimate.
AOX: Halogenated organic compounds
BCF: Bioconcentration factor.
CAS: Chemical Abstracts Service.
Calc.: calculated values.
EC: effect concentration.
EC50: Average Effective Concentration.
EMS: Emergency management sheet.
ERC: Emergency response card.
Estim: Estimated values.
GHS: Globally Harmonized System of Classification and Labelling of Chemicals.
IARC: International Agency for Research on Cancer.
NIOSH: National Institute for Occupational Safety and Health
NOEC: No observed effect concentration.
OECD: Organisation for Economic Cooperation and Development.
OSHA: Occupational Safety and Health Administration.
PAX: Passengers.
PBT: persistent, bioaccumulative or toxic criteria.
PEL: Permissible Exposure Limit.
PMCC: Pensky Martens closed cup
PNEC: Predicted No Effect Concentration
PNEC-STP: Predicted No Effect Concentration – sewage treatment plant.
PPE: Personal protection equipment.

IATA: International Air Transport Association.
ICAO: International Civil Aviation Organization.
IDLH: Immediately dangerous to life or health
IMDG: International Maritime Dangerous Goods.
IMO: International Maritime Organization.
LC: Lethal concentration.
LD: Lethal dose.
Log Ko/w: octanol-water partition coefficient.
Log Koc: organic carbon to water partition coefficient.
N/A: not applicable.
N/D: no data available.
NFPA: National Fire Protection Association.
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals - Europa.
REL: Recommended Exposure Limit.
STEL: Short Term Exposure.
STOT-RE: Specific target organ toxicity - repeated exposure
STOT-SE: Specific target organ toxicity - single exposure
STP: sewage treatment plant
TLV: Threshold Limit Value.
Tox. Repr.: toxicity for reproduction
UN: United Nations.
VOC: Volatile organic compounds
vPvB: very persistent or very bioaccumulative.

DENOMINATION OF GHS CLASSES
Aer.: aerosols
Oxid. Gas: oxidizing gas
Compressed gas: compressed gas
Dissolved gas: dissolved gas
Flam. Gas: flammable gas.
Liquefied Refr. Gas: refrigerated liquefied gas
Liquefied gas: liquefied gas
Oxid. Liquid: oxidizing liquid
Flam. Liquid: flammable liquid
Pyr. Liq.: pyrophoric liquid
Met. Corr.: corrosive for metals
Org. Perox.: organic peroxide
Water React. Flam. Gas: substance reactive with water, which emits flammable gases
Oxid. Solid: oxidizing solid
Flam. Solid: flammable solid
Asp Tox.: aspiration toxicity
Carc.: carcinogenicity
Skin Corr./Irrit.: Corrosion / skin irritation
Eye Damage/Irrit.: Serious eye damage / eye irritation
Lac.: toxic for reproduction - lactation
Muta.: mutagenicity
Repr.: toxic for reproduction
Sens skin: skin sensitizer
Resp. Sens.: respiratory sensitizer
STOT Rep. Exp.: Specific target organ toxicity - repeated exposure
STOT Single Exp.: Specific target organ toxicity - single exposure
Acute Tox.: Acute toxicity
Aquatic Acute: Hazardous to the aquatic environment - acute hazard
Aquatic Chronic: Hazardous to the aquatic environ-ment - chronic danger
Ozo.: Dangerous for the ozone layer.

## 16.2 Key literature references and sources for data

International Agency for Research on Cancer (IARC), classification of carcinogens.
European Chemicals Agency – ECHA
GESTIS-Stoffdatenbank, IFA, DGUV, Germany
Annex VI of Regulation (EC) No. 1272/2008, on classification, labeling and packaging of substances and mixtures (CLP Regulation)
US National Library of Medicine - PUBCHEM
eChem Portal, OECD

## 16.3 Classification and procedure used to derive the classification for mixtures

The classification has been made based on information from the product manufacturer.
Change control: v.1 - This document is based on the original product SDS supplemented with validated technical references.
The partial or total modification of this file is not allowed, including the renown of the product, without the authorization of CIQUIME S.R.L.
[2506.104]

## 16.4 Disclaimer

This information only concerns the above-mentioned product and is not to be valid for other(s) product(s) or in any process. This safety data sheet provides health and safety information. The information is to our best knowledge, correct and complete. It is given in good faith but without warranty. The product should be used in applications consistent with our product literature. Individuals handling this product should be informed of the recommended safety precautions and should have access to this information. For any other use, exposure should be evaluated so that they can implement appropriate handling practices and training programs to ensure safe operations in the workplace.
It remains the user's own responsibility that this information is appropriate and complete for the special use of this product.

| | | | |
|---|---|---|---|
| Version: | 1 | Emission date: | June, 2025 |
| Replaces: | | | |
| Created: | CIQUIME | Revised: | TECNOLOGÍA ARGENTINA EN CINTAS S.A. (TACSA) |