

SECTION 1: Identification of the substance or mixture and of the company or firm.

1.1. Product identifier
ADINOX® C50

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use: Instant adhesive

1.3. Safety data sheet supplier information
Distributor/Manufacturer:
- Adhesivos y Suministros de México, S.A. de C.V.
- Email: info@adinoxadhesives.com
- Website: www.adinoxadhesives.com

1.4. Emergency telephone number:
911 or 11

SECTION 2: Hazards identification.

2.1. Classification of the substance or mixture
Classification according to CLP Regulation (EC) No. 1272/2008
Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.2. Label elements

Labelling in accordance with CLP Regulation (EC) No. 1272/2008

Pictogram: None

Warning word: None

Hazard statements

EUH 202 Cyanoacrylate. Hazard. Adheres to skin and eyes in a few seconds.
seconds. Keep out of reach of children.

Safety precautionary statements

P305 + P351 + P338 In case of contact with eyes, rinse thoroughly with water for several minutes.
thoroughly for several minutes. Remove contact lenses

Remove contact lenses when present and easy to do so.

Continue rinsing.

For the full text of the Danger and Caution phrases mentioned here, see Section 16.

2.3. Other hazards

None

SECTION 3: Composition/information on ingredients.

3.1. Substances
Not applicable.

3.2. Mixtures
General chemical description: Cyanoacrylate Adhesive
Declaration of components according to CLP Regulation (EC) No. 1272/2008

| Component | No.CAS | No.CE | Concentration | Classification |
|----------------------------|-----------|----------|---------------|---|
| 2-Metoxietil cyanoacrylate | 205-769-8 | 150-76-5 | 0.1 < 1 | Acute Tox. 4 (H302) Eye Irrit. 2 (H319) Skin Sens. 1 (H317) Repr. 2 (H361) Aquatic Chronic 3 (H412) |

For the full text of hazard and precautionary statements mentioned herein, see Section 16.

SECTION 4: First aid.

4.1. First aid description
General recommendations:
Consult a physician. Show this safety data sheet to the doctor on duty.

In case of inhalation:

Fresh air. If symptoms persist, consult a doctor.

In case of skin contact: Do not pull off stuck skin. Carefully remove it with an object such as a spoon, preferably after wetting it with warm soapy water. Cyanoacrylates give off heat when they solidify. On rare occasions, a large droplet may generate enough heat to cause a burn.

After removing the adhesive from the skin, treat burns as usual.

If lips are accidentally stuck, apply warm water, and moisten and press as much as possible with saliva from the inside of the mouth. Peel or slide the lips apart. Do not try to pull the lips apart.

In case of contact with eyes: If the eye is closed and stuck, peel the eyelashes with warm water, covering with a warm wet compress.

El cianoacrilato se adhiere a la proteína del ojo causando efectos lacrimógenos que ayudarán a despegar el adhesivo.

Keep the eye covered until complete detachment. Usually within 1 to 3 days. Do not force the eye



open. Consult a physician if solid particles of cyanoacrylate trapped under the eyelid cause injury.
In case of ingestion: Ensure that the respiratory tract is not obstructed. The product will polymerize immediately in the mouth, making it almost impossible to swallow. Saliva will gradually separate the solidified product from the mouth (several hours).

4.2. Main symptoms and acute and delayed effects

Eyes : Irritation, conjunctivitis.

Skin : Redness, inflammation.

4.3. Indication of any immediate medical attention and special treatment needed see section 4.1.

SECTION 5: Fire fighting measures.

Extinguishing media

Suitable extinguishing media:

Use water spray, foam, dry powder or carbon dioxide.

Extinguishing media that should not be used for safety reasons:

None known.

5.2. Specific hazards arising from the substance or mixture: None known.

In case of fire, oxides of carbon, oxides of nitrogen and irritating organic vapours may be released.

5.3. Recommendations for fire-fighters

Firefighters should wear self-contained breathing apparatus.

5.4. Other data

No data available

SECTION 6: Accidental release measures.

6.1. Personal precautions, protective equipment and emergency procedures

Provide sufficient ventilation and exhaust air.

6.2. Environmental precautions

Do not allow products to enter the sewage system.

Methods and material for containment and cleaning up

Do not use scouring clothes. Pour water to complete polymerization and remove adhesive from the floor.

The

cured material can be disposed of as a non-hazardous waste.

Reference to other sections

See warning in chapter 8.

SECTION 7: Handling and storage.

7.1. Precautions for safe handling

Ventilation (low level) is recommended when using large volumes or when odor is apparent (odor threshold is approx. 1 - 2 ppm).

Dosing equipment is recommended to minimize the risk of skin or eye contact.

Hygiene measures:

Wash hands before breaks and at the end of work.

Do not eat, drink or smoke while working.

Good industrial hygiene practices should be observed.

7.2. Conditions for safe storage, including possible incompatibilities

For optimum shelf life, store in original containers refrigerated between 2 - 8 °C (35.6 - 46.4 °F).

7.3. Specific end uses

Monomer

SECTION 8: Exposure controls/personal protection.

8.1. Exposure controls

Respiratory protection:

Provide sufficient ventilation and air extraction.

If used in a poorly ventilated area, an approved respirator or mask with an attached filter for organic vapors should be used.

filter for organic vapors should be worn.

Filter type: A.

Hand protection:

Chemical resistant protective gloves (EN 374).

Suitable materials in case of brief contact or splashes (recommended: Minimum protection index 2, corresponding to > 30 minutes

protection index 2, corresponding >30 minutes permeation time according to EN 374):

Nitrile rubber (NBR; \geq 0.4 mm layer thickness).

Suitable materials also in case of direct and prolonged contact (recommended: protection rating 6, corresponds to >480 minutes permeation time according to EN 374).

protection rating 6, corresponds to >480 minutes permeation time according to EN 374):

Nitrile rubber (NBR; \geq 0.4 mm layer thickness).

The data have been taken from literature and information from glove manufacturers or have been deduced by analogy from similar materials. It should be noted that the service life of a chemical protective glove can be much shorter in practice due to the many influencing factors (e.g. temperature) than the permeation time calculated according to EN 374. If signs of wear appear, the gloves should be replaced.

It is recommended to wear polyethylene or polypropylene gloves when working with large volumes. Do not use PVC, rubber or nylon gloves.

Note that, in practice, the service life of chemical resistant gloves may be considerably reduced as a result of the influence of many factors (e.g. temperature). The risks involved should be weighed up by the end

user. Replace gloves if signs of wear or tear are observed. Chemical resistant, neoprene or natural rubber gloves are recommended.

Eye protection:

Wear protective goggles.

Body protection:

Wear protective clothing.

SECTION 9: Physical and chemical properties.

9.1. Information on basic physical and chemical properties

| | |
|---|-------------------------|
| Appearance | Líquido |
| Odor | Lavatory |
| pH | No data/ Not applicable |
| Initial boiling point | 366 °F |
| Punto de inflamación | 266 °F |
| Decomposition temperature | No data/ Not applicable |
| Vapor pressure | No data/ Not applicable |
| Density | 1,12 g/cm3 |
| Apparent density | No data/ Not applicable |
| Viscosity n | No data/ Not applicable |
| Viscosity (kinematic) | 1250 - 1450 mPas |
| Explosive properties | No data/ No applicable |
| Qualitative solubility (solvent: water) | Insoluble |
| Solidification temperature | No data/ No applicable |
| Melting point | No data/ No applicable |
| Inflammability | No data/ No applicable |
| Autoignition temperature | No data/ No applicable |
| Explosive limits | No data/ No applicable |
| n-octane/water partition coefficient | No data/ No applicable |
| Evaporation rate | No data/ No applicable |
| Vapor density | No data/ No applicable |
| Oxidizing property | No data/ No applicable |

9.2. Additional information

No data/ Not applicable.



SECTION 10: Stability and reactivity.

10.1. Reactivity

Exothermic polymerization will occur in the presence of water, amines, alkalis and alcohols.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

See section 10.1.

10.4. Conditions to avoid

Stable under normal conditions of storage and use.

10.5. Incompatible materials

None if used as directed.

Hazardous decomposition products

None known if used as directed.

SECTION 11: Toxicological information.

11.1. Information on toxicological effects

Information on possible routes of exposure

Product information .

Inhalation Based on available data, the classification criteria are not met.

Eye contact, adheres to skin and eyes within a few seconds.

Skin contact, adheres to skin and eyes within a few seconds.

Ingestion, based on available data, the classification criteria are not met.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms: No information available.

Numerical measures of toxicity

Acute toxicity.

Information on components.

| Chemical Name | Oral LD50 | LD50 dermal | LC50 inhalation |
|-----------------------------|------------------------|-------------------------|-----------------|
| 4-Methoxyphenol 150-76-5 | = 860 mg/Kg (Mouse) | >2000 mg/kg (Rabbit) | |

Delayed and immediate effects as well as chronic effects from short and long term exposure.
 Skin corrosion or irritation Based on available data, the classification criteria are not met.
 Serious eye damage or eye irritation
 Based on available data, the classification criteria are not met.
 Respiratory or skin sensitization
 Skin sensitization
 Based on available data, the classification criteria are not met.
 Germ cell mutagenicity
 germ cells
 Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.
 Reproductive toxicity Based on available data, the classification criteria are not met.
 STOT - single exposure Based on available data, the classification criteria are not met.
 STOT - repeated exposure Based on available data, the classification criteria are not met.
 Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information.

12.1. Toxicity Ecotoxicity

| Chemical name | Seaweed / aquatic plants | Fishes | Microorganisms | Crustaceans | Factor M | Factor M Long term |
|---------------------------|--------------------------|---|----------------|-------------|----------|--------------------|
| 4-Metoxifenol 150-76-5 | | LC50: =84.3mg/L (96h, Pimephales promelas) LC50: =28.5mg/L (96h, Oncorhynchus mykiss) | | | | |

12.2. Persistence and degradability No information available



12.3. Bioaccumulative Potential

Bioaccumulation: No data available for this product.

Information on components

| Chemical Name | Partition coefficient | Bioconcentration Factors (BCFs) |
|-----------------------------|-----------------------|---------------------------------|
| 4-Methoxyphenol 150-76-5 | 1.3 | |

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment . The components of this formulation do not meet the criteria for classification as PBT or vPvB.

| Chemical Name | PBT and vPvB assessment |
|-----------------------------|---------------------------|
| 4-Methoxyphenol 150-76-5 | Substance is not PBT/vPvB |

12.6. Other adverse effects

such as PBT or vPvBm.

Other adverse effects No information available.

SECTION 13: Disposal considerations.**13.1. Waste Treatment Methods**

Waste residues/unused products: Dispose of contents/container in accordance with applicable local, regional, national and international regulations.

Contaminated packaging: Do not reuse empty containers. Handle contaminated packaging in the same manner as the product itself.

Catalog: European Waste 08 04 09* Waste adhesives and sealants containing organic solvents or other hazardous substances.

Other information : The user should assign waste codes based on the application for which the product was used for.



SECTION 14: Transport information.

Note: Avoid freezing.

Land transport (ADR/RID)

14.1 UN Number Not regulated

14.2 Proper shipping name

Not regulated

14.3 Transport Hazard Class(es)

Not regulated

14.4 Packing group Not regulated

14.5 Environmental hazard(s)

Not applicable

14.6 Special provisions None

IMDG

14.1 UN number Not regulated

14.2 Proper shipping name

Not regulated

14.3 Transport hazard class(es)

Not regulated

14.4 Packing group Not regulated

14.5 Marine pollutant Np

14.6 Special provisions None

14.7 Transport in bulk according to Annex II of the Marpol 73/78 Convention and the IBC Code

IBC Code

Not applicable

Air transport (ICAO-TI /

IATA-DGR)

14.1 UN Number UN 3334

14.2 Proper shipping name

Aviation regulated liquid, n.o.s.

14.3 Transport hazard class(es)

9

14.4 Packing group III

Description UN 3334, Aviation controlled liquid, n.o.s., 9, III

14.5 Environmental hazards

Not applicable

14.6 Special provisions A27

Limited Quantity (LQ) 30 kg G

ERG code 9A

SECTION 15: Regulatory information.

15.1. Safety, health and environmental regulations and legislation specific to the substance or mixture
European Union

Regulation concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)
(EC 1907/2006).

SEP: Substances of very high concern for authorization:

This product does not contain candidate substances of very high concern at a concentration greater than 0.1%.

(Regulation (EC) No 1907/2006 (REACH), Article 59)

EU-REACH (1907/2006) - Annex XVII Restrictions of Use

This product does not contain substances subject to restriction (Regulation (EC) No 1907/2006 (REACH), Annex XVII).

Substance subject to authorization according to REACH Annex XIV

This product does not contain substances subject to authorization (Regulation (EC) No 1907/2006 (REACH), Annex XIV).

Regulation (EC) 1005/2009 on substances that deplete ozone (ODS)

Not applicable

Persistent organic pollutants

Not applicable

National regulations

15.2. Chemical Safety Assessment

Chemical Safety Assessment has performed the Reach Substance Registration for substances registered at > 10 tpa, no Chemical Safety Assessment has been performed on the mixture.

SECTION 16: Other information.

Key or legend of abbreviations and acronyms used in the safety data sheet.

Full text of the hazard statements mentioned in Section 3:

H302 - Harmful if swallowed.

H317 - May cause allergic skin reaction.

H319 - Causes serious eye irritation

H361 - Suspected of damaging fertility or the unborn child

H412 - Harmful to aquatic life with long lasting harmful effects.

Legend

TWA TWA (Time Weighted Average)

STEL STEL (Short Term Exposure Limit)

Ceiling Ceiling value

* Skin designation

SVHC Substance(s) of Very High Concern(s)

PBT Persistent, Bioaccumulative and Toxic (PBT) chemicals

vPvB Very Persistent and very Bioaccumulative Chemicals (vPvB)

STOT RE Specific target organ toxicity - Repeated exposure

STOT SE Specific Target Organ Toxicity - Single Exposure

EWC European Waste Catalogue

Key literature and data sources

No information available

Prepared by Product Safety and Regulatory Affairs

Revision date 06-Mar-2020

Indication of changes

Revision note Not applicable.

Training advice No information available

Additional information No information available

This safety data sheet meets the requirements of Regulation (EC) No 1907/2006.

Other information

This information is based on the present state of our knowledge and refers to the product as supplied. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular property or characteristic.

This safety data sheet complies with the requirements of Regulation (EC).