ajustick

SAFETY DATA SHEET | Issued on: 22.12.2022 | Revision: 08.11.2023 | In compliance with Regulation (UE) 2020 / 878

SECTION 1. Identification of the substance or mixture and of the company or enterprise

1.1 Product identifier

Trade name: Ajustick | Commercial code: Ajustick| UFI: G630-P096-6003-4FRP

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

Sealant

Areas of use: Industrial uses [SU3], Consumer uses [SU21], Professional uses [SU22]

Product categories: Adhesives, sealants

Not recommended uses: Do not use for purposes other than those indicated.

1.3 Supplier details for the safety data sheet

Auto Juntas S.A.U

Parque Empresarial Ajusa, CM 332, Km: 2,2

02006 Albacete | España | +34 967 216 612

ajusa@ajusa.es | www.ajusa.online

1.4 Emergency phone number

Toxicological Information Service (National Institute of Toxicology and Forensic Sciences)

Phone: +34 915620420 | Availability: 24h/365 days

SECTION 2. Hazard identification

2.1. Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No. 1272/2008:

Hazard pictograms:

GHS07

Hazard class and category:

Skin Irrit. 2, Skin Sens. 1, Eye Irrit. 2

Hazard codes:

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

The product, if it comes into contact with the eyes, causes significant irritation that may last for more than 24 hours; if it comes into contact with the skin, it causes considerable inflammation with erythema, frostbite, or edema.

The product, if it comes into contact with the skin, may cause skin sensitization.

2.2 Label elements

Labeling in accordance with Regulation (EC) No. 1272/2008:

Hazard pictogram: GHS07

Warning word: Attention

Hazard statements:

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

Precautionary statements:

General

P101 - If medical advice is needed, have the container or label at hand.

P102 - Keep out of reach of children.

Prevention

P280 - Wear protective gloves/clothing/eye protection/face protection.

Response

P302+P352 - IN CASE OF CONTACT WITH SKIN: Wash with plenty of water.

P305+P351+P338 - IN CASE OF CONTACT WITH EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 - If eye irritation persists: Get medical advice/attention.

P363 - Wash contaminated clothing before reuse.

Disposal

P501 - Dispose of the contents/container in accordance with local, regional, national, or international regulations.

Contains:

2-hydroxyethyl methacrylate 98%

2.3 Other hazards

The substance/mixture does not contain PBT/vPvB substances according to Annex XIII of Regulation (EC) 1907/2006.

SECTION 3. Composition / Information on ingredients

3.1 Substances

Not relevant

3.2 Mixtures

See the full text of the hazard statements in section 16.

Substance	Concentration	Classification	Index	CAS	EINECS	REACh	SCL and M factor
2-hydroxyethyl methacrylate 98%	> 20 <= 30%	Skin Irrit. 2, H315; Skin Sens. 1, H317; Eye Irrit. 2, H319		868-77-9	212-782-2	01-2119490169-29-0000	-
Cumene hydroperoxide	> 0.1 <= 1%	Flam. Liq. 3, H226; Org. Perox. E, H242; Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Corr. 1B, H314; Acute Tox. 3, H331; STOT SE 3, H335; STOT RE 2, H373; Aquatic Chronic 2, H411	617-002-00-8	80-15-9	201-254-7	-	-

SECTION 4. First aid measures

4.1 Description of first aid measures

Inhalation

Ventilate the area. Immediately remove the patient from the contaminated area and take them to a well-ventilated environment. If discomfort occurs, consult a doctor.

Skin contact

Immediately remove contaminated clothing.

Wash immediately with plenty of running water and soap if necessary, on areas of the body that have come into contact with the product, even if just suspected.

In case of skin contact, wash immediately and thoroughly with water.

Eye contact (with pure product)

Wash immediately and abundantly with running water, keeping the eyelids open, for at least 10 minutes. Protect the eyes with dry sterile gauze. Seek medical attention immediately. Do not use eye drops or ointments of any kind without consulting an ophthalmologist.

Ingestion

Rinse the mouth, do not induce vomiting. Call a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

In case of skin irritation: Consult a doctor.

If eye irritation persists: Consult a doctor.

If medical advice is needed, have the container or label at hand.

SECTION 5. Firefighting measures

5.1 Extinguishing media

Recommended extinguishing agents: Water spray, CO_2, foam, chemical powders based on the materials involved in the fire.

Extinguishing media to avoid: Water jets. Use water jets only to cool containers exposed to fire.

5.2 Specific hazards arising from the substance or mixture

No data available.

5.3 Recommendations for fire-fighting personnel

Use respiratory protection.

Wear a safety helmet and full protective clothing.

Water spray can be used to protect personnel involved in firefighting.

The use of self-contained breathing apparatus is also recommended, especially if working in confined and poorly ventilated spaces, and in any case when using halogenated extinguishing agents (fluobrene, solkane 123, naf, etc.).

Cool containers with water jets.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures

6.1.1 For non-emergency personnel:

Leave the area surrounding the spill or leak. Do not smoke.

Wear a mask, gloves, and protective clothing.

6.1.2 For emergency personnel:

Wear a mask, gloves, and protective clothing.

Eliminate all open flames and possible ignition sources. No smoking.

Ensure adequate ventilation.

Evacuate the danger area and, if necessary, consult an expert.

6.2 Environmental precautions

Contain the spill with soil or sand. If the product flows into a stream, wastewater, or contaminates soil or vegetation, inform the competent authorities. Dispose of the waste according to current regulations.

6.3 Methods and materials for containment and cleaning

6.3.1 For containment:

Quickly collect the product, wear a mask and protective clothing. Collect the product for reuse, if possible, or for disposal. Absorb it with inert material if necessary. Prevent it from entering the drainage system.

6.3.2 For cleaning:

After collection, wash the affected area and materials with water.

6.3.3 Additional information:

None in particular.

6.4 Reference to other sections

See sections 8 and 13 for more information.

SECTION 7. Handling and storage

7.1 Precautions for safe handling

Avoid contact and inhalation of vapors.

Wear gloves/clothing/eye protection/face protection.

Do not eat or drink during work.

Contaminated work clothing must not be removed from the work area.

See also paragraph 8 below.

7.2 Conditions for safe storage, including any incompatibilities

Keep in the original container, tightly closed. Do not store in open or unlabeled containers.

Keep containers in an upright and secure position, avoiding the possibility of falling or impact.

Store in a cool place, away from heat sources and direct sunlight exposure.

7.3. Specific end uses

Consumer use: Handle with caution. Store in a ventilated area and away from heat sources.

Industrial use: Handle with caution. Store in a ventilated area and protected from heat sources.

Professional use: Handle with caution. Store in a ventilated area and away from heat sources. Keep the container tightly closed.

SECTION 8. Exposure controls/personal protection

8.1 Control parameters

Substance: 2-hydroxyethyl methacrylate 98%

DNEL

Systemic effects (Long-term workers' inhalation) = 4.9 (mg/m³)

Systemic effects (Long-term workers' skin exposure) = 1.3 (mg/kg bw/day)

PNEC

Freshwater = 0.482 (mg/l)

Freshwater sediment = 3.79 (mg/kg/sediment)

STP = 10 (mg/l)

Soil = 0.476 (mg/kg soil)

Substance: cumene hydroperoxide

DNEL

Systemic effects (Long-term workers' inhalation) = 6 (mg/m³)

PNEC

Freshwater = 0.0031 (mg/l)

Freshwater sediment = 0.023 (mg/kg/sediment)

Seawater = 0.00031 (mg/l)

Seawater sediment = 0.0023 (mg/kg/sediment)

Intermittent emissions = 0.031 (mg/l)

STP = 0.35 (mg/l)

Soil = 0.0029 (mg/kg soil)

8.2 Exposure controls

Appropriate technical controls:

Private households: No specific monitoring is foreseen.

Manufacturing industries (all): No specific monitoring is foreseen.

Public areas: No specific monitoring is foreseen.

Personal protective measures

a) Eye/face protection: When handling the pure product, use safety glasses (EN 166).

b) Skin protection

i) Hand protection: Butyl rubber gloves (0.3 mm), approximate permeability time 480 min (EN 374).

ii) Other protection: When handling the pure product, wear full protective clothing.

c) Respiratory protection: Not required for normal use.

d) Thermal hazards: No hazards to report.

Exposure controls: Use in accordance with good work practices to avoid environmental contamination.

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Property	Value	Method of determination
Physical state	Liquid	
Color	Characteristic	
Odor	Not determined	
Melting point/freezing point	Irrelevant	
Boiling point or initial boiling point and boiling range	Not determined	
Flammability (solid, gas)	Non-flammable	
Upper/lower flammability or explosiveness limits	Non-flammable	ASTM D92
Flash point	Irrelevant	
Auto-ignition temperature	Irrelevant	
Decomposition temperature	Irrelevant	
pH	15,000 - 25,000 mPa·s	
Viscosity	Organic solvents	
Solubility	Insoluble	
Water solubility	Irrelevant	
Partition coefficient: n-octanol/water	Not available	
Pressure at 20°C	1.06 g/ml	
Relative density	> 1 (20°C)	
Vapor density	Indeterminate	
Vapor pressure	Indeterminate	
Particle characteristics	Non-explosive	
Explosive properties	Not available	
Oxidizing properties	Non-flammable	
Oxidizing properties: Non-flammable	no inflamables	

9.2 Additional information

No data available

SECTION 10. Stability and reactivity

10.1 Reactivity

No reactivity hazards.

10.2 Chemical stability

No hazardous reactions when stored and handled according to instructions.

10.3 Possibility of hazardous reactions

No hazardous reactions.

10.4 Conditions to avoid

None reported.

10.5 Incompatible materials

May generate flammable gases when in contact with elemental metals, nitrides. May ignite when in contact with oxidizing mineral acids, strong oxidizing agents, strong reducers.

10.6 Hazardous decomposition products

Does not decompose when used for its intended purposes.

SECTION 11. Toxicological Information

11.1 Toxicological effects information

ATE(mix) oral = 50,263.2 mg/kg

ATE(mix) dermal = 144,736.8 mg/kg

ATE(mix) inhal = 264.5 mg/l/4h

(a) Acute toxicity: cumene hydroperoxide: The substance is corrosive to the eyes, skin, and respiratory tract. Corrosive if swallowed. Inhalation of this substance may cause pulmonary edema (see Notes). Effects may be delayed. Medical observation is advised.

ACUTE RISKS/SYMPTOMS

INHALATION: Sore throat. Burning sensation. Cough. Difficulty breathing. Wheezing. Symptoms may be delayed (see Notes).

SKIN: Redness. Pain. Skin burns.

EYES: Redness. Pain. Severe deep burns.

INGESTION: Burning sensation. Abdominal pain. Shock or collapse.

(b) Skin corrosion/irritation: The product, if it comes into contact with skin, causes noticeable inflammation with erythema or edema.

(c) Serious eye damage/eye irritation: The product, if it comes into contact with the eyes, causes significant irritation that may last over 24 hours.

2-Hydroxyethylmethacrylate 98%: Serious eye damage/eye irritation

Rabbit, Draize, (own analysis), irritant

Eye irritant Category 2B (UN-GHS)

(d) Respiratory or skin sensitization: The product may cause skin sensitization if it comes into contact with skin.

2-Hydroxyethylmethacrylate 98%: Guinea pigs respiratory or skin sensitization, GPMT - Sensitizer

Skin sensitization Category 1B (UN-GHS)

(e) Germ cell mutagenicity: classification criteria are not met based on available data.

(f) Carcinogenicity: based on available data, classification criteria are not met.

(g) Reproductive toxicity: classification criteria are not met based on available data.

(h) Specific target organ toxicity (STOT) - single exposure: based on available data, classification criteria are not met.

(i) Specific target organ toxicity (STOT) - repeated exposure: 2-hydroxyethylmethacrylate 98%: Repeated dose toxicity rat, oral, 7 sept., OECD 422 - NOAEL - 100 mg/kg of cumene hydroperoxide:

Species: Rat

NOAEL: 0.031 mg/l

Method of application: inhalation (dust/mist/fume)

Exposure time: 90 days

(j) Aspiration hazard: based on available data, classification criteria are not met.

ADJUSTICK GROUP

LD50 Oral (rat) (mg/kg body weight) = 65,789

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 144,736

LC50 Inhalation (rat) vapor/dust/aerosol/fume (mg/l/4h) or gas (ppmv/4h) = 394.7

In relation to the substances contained in:

2-Hydroxyethylmethacrylate 98%:

Toxicokinetics, metabolism, and distribution The substance is rapidly metabolized.

General information

Contact with the eyes and skin and inhalation of the product's vapors should be avoided.

LD50 Oral (rat) (mg/kg body weight) = 5000

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 5000

cumene hydroperoxide:

ROUTES OF EXPOSURE: The substance can be absorbed by the body through inhalation, skin contact, and ingestion.

INHALATION HAZARDS: The rate at which harmful contamination in the air from the evaporation of the substance at 20°C cannot be indicated.

NOTE: Symptoms of pulmonary edema often do not manifest until a few hours later and may worsen with physical exertion. Therefore, rest and medical observation are essential. Immediate inhalation therapy by a physician or authorized personnel should be considered.

LD50 Oral (rat) (mg/kg body weight) = 382

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 1100

LC50 Inhalation (rat) vapor/dust/aerosol/fume (mg/l/4h) or gas (ppmv/4h) = 2.01

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 1100

11.2 Information on other hazards

Endocrine disrupting properties: No data available. Other data: No data available.

SECTION 12. Ecological Information

12.1 Toxicity

Use according to good working practices, avoiding dispersing the product into the environment.

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulation potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and mPmB assessment

Substance/mixture DOES NOT contain PBT/mPmB substances according to Regulation (EC) No. 1907/2006, Annex XIII.

12.6 Other adverse effects

No adverse effects observed.

12.7 Other adverse effects

No adverse effects found.

SECTION 13. Waste Disposal Considerations

13.1 Methods for waste treatment

Do not reuse empty containers. Drain them according to applicable regulations. Any remaining product should be drained by authorized companies according to the current regulations. Recycle if possible. Send to authorized disposal systems or incineration under controlled conditions. Follow local and national regulations.

SECTION 14. Transport Information

14.1 UN Number

Not subject to the transport regulations for dangerous goods: by road (ADR); by rail (RID); by air (ICAO/IATA); by sea (IMDG).

14.2 Official UN Transport Designation

None

14.3 Transport Hazard Class(es)

None

14.4 Packaging Group

None

14.5 Environmental Hazards

None

14.6 Special precautions for users

No data available.

14.7 Bulk transport in accordance with Annex II of the Marpol 73/78 Convention and the IBC Code

Bulk transport not expected.

SECTION 15. Regulatory Information

15.1 Specific regulations and legislation concerning safety, health, and environmental matters for the substance or mixture

D.Lgs. 3/2/1997 n. 52 (Classification, packaging, and labeling of hazardous substances). D.Lgs 14/3/2003 n. 65 (Classification, packaging, and labeling of hazardous preparations). D.Lgs. 2/2/2002 n. 25 (Risks from chemical agents during work).

D.M. Work 26/02/2004 (Occupational exposure limits);

D.M. 03/04/2007 (Implementation of Directive No. 2006/8/EC).

Regulation (EC) No. 1907/2006 (REACH), Regulation (EC) No. 1272/2008 (CLP), Regulation (EC) No. 790/2009. D.Lgs. 21 September 2005 No. 238 (Seveso III Directive).

REGULATION (EU) No. 1357/2014 - Waste:

HP4 - Irritant - Skin irritation and eye injuries

HP13 - Sensitizer

15.2 Chemical safety assessment

The supplier has conducted a chemical safety assessment.

SECTION 16. Other Information

16.1 Other Information

Description of hazard statements exposed in point 3

H315 = Causes skin irritation.

H317 = May cause an allergic skin reaction.

H319 = Causes severe eye irritation.

H226 = Flammable liquids and vapors.

H242 = Risk of fire in case of heating.

H302 = Harmful if swallowed.

H312 = Harmful in contact with skin.

H314 = Causes severe skin burns and eye damage.

H331 = Toxic if inhaled.

H335 = May irritate respiratory system.

H373 = May cause damage to organs after prolonged or repeated exposure.

H411 = Toxic to aquatic life with long-lasting effects.

Classification based on data from all mixture components.

GENERAL BIBLIOGRAPHY

Regulation (EC) 1907/2006 of the European Parliament (REACH)

Regulation (EC) 1272/2008 of the European Parliament (CLP) and subsequent versions

Regulation (EC) No. 758/2013 of the European Parliament

Regulation (EC) No. 453/2010 of the European Parliament

Regulation (EC) No. 790/2009 of the Commission of August 10, 2009

Regulation (EU) No. 286/2011 of the Commission of March 10, 2011

Regulation (EU) No. 618/2012 of the Commission of July 10, 2012

Regulation (EU) No. 487/2013 of the Commission of May 8, 2013

Regulation (EU) No. 517/2013 of the Council of May 13, 2013

Regulation (EU) No. 758/2013 of the Commission of August 7, 2013

Regulation (EU) No. 944/2013 of the Commission of October 2, 2013

Regulation (EU) No. 605/2014 of the Commission of June 5, 2014

Regulation (EU) 2015/491 of the Commission of March 23, 2015

Regulation (EU) No. 1297/2014 of the Commission of December 5, 2014

Regulation (EC) of the European Parliament No. 528/2012 and subsequent versions

Regulation (EC) 648/2004 of the European Parliament and subsequent updates

Merck Index

Chemical safety handling

Niosh registry of toxic effects of chemicals

INRS-center piece

Patty-Industrial hygiene and toxicology

N.I. Sax-Dangerous properties of industrial materials-7 Ed., 1989

User's Note

The information in this sheet is based on the knowledge available to us at the date of the last version.

The user should ensure the adequacy and integrity of the information regarding the specific use of the product.

It should not be interpreted as a guarantee of any specific property of the product.

For the use of the product not under our direct control, it is the user's responsibility to observe hygiene and safety laws and regulations. We do not assume liability for improper use.

This sheet replaces and cancels all previous versions.