

SECTION 1. Identification of the substance or mixture and of the company / undertaking

1.1 Product Identifier

Trade Name: Ajulock | Trade Code: Ajulock | UFI: R600-W0NV-700R-487H

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

Sealant

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

Product categories: Adhesives, Sealants

Uses not recommended: Do not use for purposes other than those specified.

1.3 Details of the supplier of 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 telephone number

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

Phone: +34 915620420

Availability: 24h / 365 days

SECTION 2. Hazards 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 Statements:

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

The product, if in contact with eyes, causes significant irritation lasting more than 24 hours; if in contact with skin, it causes considerable inflammation with erythema, scaling, or edema.

The product may cause skin sensitization upon contact.

2.2 Label Elements. Labeling according to Regulation No. 1272/2008 (CLP):

- Pictogram and Signal Word Codes: GHS07 - Warning

- 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 product container or label at hand.

P102: Keep out of reach of children.

Prevention

P261: Avoid breathing vapors.

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

Response

302+P352: IF ON SKIN: Wash with plenty of water.

P305+P351+P338: IF IN 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 contents/container in accordance with local, regional, and national regulations.

Contains

2-Hydroxyethyl Methacrylate 98%

2.3 Other Hazards

The substance/mixture does NOT contain PBT/vPvB substances as per Regulation (EC) No. 1907/2006, Annex XIII.

No information on other hazards is available.

SECTION 3. Composition/Information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Refer to Section 16 for the full text of hazard statements.

Substance	Concentration	Classification	Index	CAS	EINECS	REACH
2-Hydroxyethyl Methacrylate	> 20 <= 30%	Skin Irrit. 2, H315; Skin Sens. 1, H317; Eye Irrit. 2, H319		868-77-9	212-782-2	01-2119490 169-29-000 0
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 move them to a well-ventilated space. If discomfort persists, seek medical attention.

Skin Contact:

Immediately remove contaminated clothing. Wash thoroughly with plenty of running water and soap on areas that came into contact with the product, even if contact is only suspected.

If skin contact occurs, rinse immediately and thoroughly with water.

Eye Contact (with undiluted product):

Immediately rinse thoroughly with running water, keeping eyelids open, for at least 10 minutes. Protect eyes with sterile dry gauze. Seek medical attention immediately. Do not use eye drops or ointments of any kind before consulting an ophthalmologist.

Ingestion:

Rinse the mouth. Do not induce vomiting. Call a doctor immediately.

4.2 Main symptoms and effects, acute and delayed

No data available.

4.3 Indication of immediate medical attention and special treatment needed

For skin irritation: Consult a doctor.

If eye irritation persists: Consult a doctor.

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

SECTION 5. Firefighting measures

5.1 Extinguishing media

Suitable Extinguishing Media: Water spray, CO₂, foam, or chemical powders based on the materials involved in the fire.

Unsuitable Extinguishing Media: Water jets. Use water jets only to cool container surfaces exposed to fire.

5.2 Specific hazards arising from the substance or mixture

No data available.

5.3 Advice for firefighters

Use respiratory protection.

Wear safety helmets and full protective clothing.

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

Use self-contained breathing apparatus, especially in enclosed, poorly ventilated areas or when using halogenated extinguishing agents (e.g., fluobrene, solkane 123, NAF).

Cool containers with water spray.

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 free flames and possible ignition sources. Do not smoke.

Ensure adequate ventilation.

Evacuate the danger area and consult an expert if necessary.

6.2 Environmental precautions

Contain spills with soil or sand. If the product enters a stream, wastewater, or contaminates soil or vegetation, inform the competent authorities. Dispose of residuals following current regulations.

6.3 Methods and materials for containment and cleaning up

6.3.1 For containment:

Collect the product promptly while wearing a mask and protective clothing. Reuse the product if possible, or dispose of it. Absorb it with inert material if necessary. Prevent entry into drains.

6.3.2 For cleaning up:

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

6.3.3 Additional information:

None particularly.

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 with the product and inhalation of vapors.

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

Do not eat or drink while working.

Contaminated work clothing should not be removed from the workplace.

See Section 8 for additional information.

7.2 Conditions for safe storage, including any incompatibilities

Keep in the original container tightly closed.

Do not store in open or unlabeled containers.

Store containers upright and securely to prevent falls or impacts.

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

7.3. Specific end uses

Consumer uses: Handle with care. Store in a ventilated place, away from heat sources.

Industrial uses: Handle with care. Store in a well-ventilated area, protected from heat sources.

Professional uses: Handle with care. Store in a ventilated area, away from heat sources. Keep the container tightly closed.

SECTION 8. Exposure controls/personal protection

8.1 Control parameters

For substances contained in the product:

Acrylic acid:

TLV: 2 ppm as TWA (skin), A4 (not classifiable as a human carcinogen); (ACGIH 2005).

MAK: 10 ppm, 30 mg/m³, Maximum limitation category: I(1); Pregnancy risk group: C; (DFG 2005).

Substance: 2-hydroxyethyl methacrylate 98%

DNEL:

Systemic effects, workers, long-term, inhalation = 4.9 mg/m³

Systemic effects, workers, dermal, long-term = 1.3 mg/kg bw/day

PNEC:

Freshwater = 0.482 mg/l

Freshwater sediments = 3.79 mg/kg sediment

STP (Sewage Treatment Plant) = 10 mg/l

Soil = 0.476 mg/kg soil

Substance: Acrylic acid

DNEL:

Local effects, workers, long-term, inhalation = 30 mg/m³

Local effects, workers, dermal, long-term = 1 mg/kg bw/day

Local effects, consumers, dermal, long-term = 1 mg/kg bw/day

Local effects, consumers, long-term, inhalation = 3.6 mg/m³

PNEC:

Freshwater = 0.003 mg/l

Freshwater sediments = 0.0236 mg/kg sediment

Seawater = 0.0003 mg/l

Marine sediments = 0.00236 mg/kg sediment

Intermittent emissions = 0.0013 mg/l

STP = 0.9 mg/l

Soil = 1 mg/kg soil

Substance: Cumene hydroperoxide

DNEL:

Systemic effects, workers, long-term, inhalation = 6 mg/m³

PNEC:

Freshwater = 0.0031 mg/l

Freshwater sediments = 0.023 mg/kg sediment

Seawater = 0.00031 mg/l

Marine sediments = 0.0023 mg/kg sediment

Intermittent emissions = 0.031 mg/l

STP = 0.35 mg/l



8.2. Exposure controls

Appropriate technical controls:

Consumer uses: No specific controls expected.

Industrial uses: No specific controls expected.

Professional uses: No specific controls expected.

Personal protective measures:

a) Eye/face protection:

When handling the pure product, use safety goggles (EN 166).

b) Skin protection:

i) Hand protection: Butyl rubber gloves (0.3 mm thickness), permeation time approx. 480 min (EN 374).

ii) Other protection: When handling the pure product, wear clothing to fully protect the skin.

c) Respiratory protection:

Not required for normal use.

d) Thermal hazards:

None known.

Environmental exposure controls:

Follow good work practices, avoiding the release of the product into the environment.

SECCIÓN 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical State	Liquid	
Color	Blue liquid	
Odor	Characteristic	
Melting Point/Freezing Point	Not available	
Boiling Point or Initial Boiling Point and Boiling Range	Irrelevant	
Flammability (solid, gas)	Non-flammable	
Upper/Lower Flammability or Explosivity Limits	Non-flammable	ASTM D92
Flash Point	> 100 °C	
Auto-Ignition Temperature	Irrelevant	
Decomposition Temperature	Irrelevant	
pH	Irrelevant	
Viscosity	2,000 – 4,000 mPa.s (Thixotropic)	

Solubility (Organic Solvents)	Soluble	
Solubility in Water	Insoluble	
Partition Coefficient: n-Octanol/Water	Irrelevant	
Relative Density	1.06 g/ml	
Vapor Density	> 1 (20 °C)	
Particle Characteristics	Undetermined	
Vapor Pressure	Undetermined	
Explosive Properties	Non-explosive	
Oxidizing Properties	Not available	

9.2 Additional information

No additional data available.

SECTION 10. Stability and Reactivity

10.1 Reactivity

No reactivity hazards.

10.2 Chemical stability

No dangerous reactions when stored and handled according to regulations.

10.3 Possibility of hazardous reactions

No hazardous reactions.

10.4 Conditions to avoid

No specific conditions to avoid have been reported.

10.5 Incompatible materials

May generate flammable gases when in contact with elemental metals, nitrides. Can ignite upon contact with oxidizing mineral acids, strong oxidizers, and strong reducing agents

10.6 Hazardous decomposition products

Does not decompose when used for its intended purposes.

SECTION 11. Toxicological information

11.1. Information on Hazard Classes Defined in Regulation (EC) No. 1272/2008

ATE (mix) oral = 25,710.1 mg/kg

ATE (mix) dermal = 64,327.5 mg/kg

ATE (mix) inhalation = 215.3 mg/l/4

SAFETY DATA SHEET | Issued on 31/01/2019 - Rev. no. 6 of 18/02/2022 | In compliance with Regulation (EU) 2020/878

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

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 the skin, causes significant inflammation with erythema or edema.

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

2-Hydroxyethyl methacrylate 98%: Serious eye damage / eye irritation

Rabbit, Draize, (own analysis), irritant

Eye Irritant Category 2B (UN-GHS)

(d) Sensitization of the respiratory tract or skin: The product may cause skin sensitization if it comes into contact with the skin.

2-Hydroxyethyl methacrylate 98%: Guinea pigs for respiratory or skin sensitization, GPMT - Sensitizer

Skin Sensitization Category 1B (UN-GHS)

(e) Germ cell mutagenicity: Classification criteria are not met based on the available data

(f) Carcinogenicity: According to available data, classification criteria are not met

(g) Reproductive toxicity: Classification criteria are not met based on the available data

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

(i) Specific target organ toxicity (STOT):

2-Hydroxyethyl methacrylate 98%: Repeated dose toxicity in rats, oral, 7 days, OECD 422 - NOAEL - 100 mg/kg

Cumene hydroperoxide:

Species: Rat

NOAEL: 0.031 mg/l

Application: Inhalation (dust/mist/fumes) / Exposure time: 90 days

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

AJULOCK

LD50 Oral (rat) (mg/kg body weight) = 65789

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 144736

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

Regarding the substances contained in:

2-Hydroxyethyl methacrylate 98%:

Toxicokinetics, metabolism, and distribution: The substance is metabolized quickly.

General information: Contact of the product with the eyes and skin and inhalation of the vapors should be avoided.

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

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

Acrylic acid:

LD50 Oral (rat) (mg/kg body weight) = 1000

Cumene hydroperoxide:

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

INHALATION HAZARDS: The rate at which harmful contamination in the air is achieved by 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 worsen with physical exertion. Therefore, rest and medical observation are essential. Immediate inhalation therapy should be provided by a doctor or authorized personnel.

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

11.2. Information on other hazardss

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

SECTION 12. Ecological information

12.1 Toxicity

Regarding the substances contained in:

Acrylic acid:

LC50 Oncorhynchus mykiss (Rainbow trout): 27 mg/l; 96 h

OECD Test Guidelines 203

Toxicity to Daphnia and other aquatic invertebrates:

EC5 E. sulcatum: 20 mg/l; 72 h (toxic limit concentration) (Lett.)

CE50 Daphnia magna (large water flea): 47 mg/l; 48 h (IUCLID)

Toxicity to algae:

OECD TG 201

IC50 Desmodesmus subspicatus (green algae): 0.13 mg/l; 72 h (IUCLID)

Toxicity to bacteria:

EC5 Pseudomonas putida: 41 mg/l; 16 h (toxic limit concentration) (IUCLID)

Activated sludge:

CE20: 900 mg/l; 30 min ISO 8192 (IUCLID)

NOEC (mg/l) = 0.2

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 Soil mobility

No data available.

12.5 PBT and mPmB assessment results

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

12.6 Endocrine disrupting properties

No data available..

12.7 Other adverse effects

No adverse effects observed.

SECTION 13. Considerations regarding disposal

13.1 Methods for waste treatment

Do not reuse empty containers. Drain them in accordance with applicable regulations. Any residual product should be drained to authorized companies according to current regulations. Recover if possible. Send to authorized disposal systems or incineration under controlled conditions. Operate in accordance with local and national regulations in force.

SECTION 14. Transport information

14.1. UN Number

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

14.2. Official UN transport designation

None

14.3. Hazard class(es) for transport

None

14.4. Packing group

None

14.5. Environmental hazards

None

14.6. Special precautions for users

No data available.

14.7. Bulk transport according to annex II of the MARPOL 73/78 convention and the IBC code

No bulk transport expected.

SECTION 15. Regulatory information

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

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. Labor 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 damage

HP13 - Sensitizer

15.2. Chemical safety assessment

The supplier has carried out a chemical safety assessment.

SECTION 16. Other information

16.1. Other information

Description of hazard indications as per section 3

H315 = Causes skin irritation.

H317 = May cause an allergic skin reaction.

H319 = Causes serious eye irritation.

H226 = Flammable liquids and vapors.

H302 = Harmful if swallowed.

H312 = Harmful in contact with skin.

H314 = Causes severe skin burns and serious eye damage.

H332 = Harmful if inhaled.

H335 = May cause respiratory irritation.

H400 = Very toxic to aquatic life.

H242 = Risk of fire if heated.

H331 = Toxic if inhaled.

H335 = May cause respiratory irritation.

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

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

Classification based on data from all components of the mixture

GENERAL BIBLIOGRAPHY

Regulation (EC) No. 1907/2006 of the European Parliament (REACH)

Regulation (EC) No. 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 European Commission of August 10, 2009

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

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

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

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

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

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

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

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

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

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

Regulation (EC) No. 648/2004 of the European Parliament and subsequent updates

The Merck Index

Chemical Safety Management

NIOSH Toxicological Effects of Chemical Substances

INRS-Center Piece

Patty-Industrial Hygiene and Toxicology

N.I. Sax-Dangerous Properties of Industrial Materials-7th Ed., 1989

Note for the User

The information contained in this sheet is based on the knowledge available to us at the time of the latest version.

The user must ensure the suitability and integrity of the information in relation to the specific use of the product.

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

For the use of the product, which is not under our direct control, the obligation to comply with hygiene and safety laws and regulations lies with the user at their own responsibility. We assume no liability for improper use.

This sheet supersedes and annuls all previous versions.