

SAFETY DATA SHEET

EASY ETANCH

Issued on 01/31/2019 - Rel. # 1 on 11/08/2022

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In conformity to Regulation (EU) 2020/878

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

1.1. Product identifier

Product code : 304610

Trades code :

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

Sectors of use:

Industrial Manufacturing[SU3], Private households[SU21], Public domain[SU22]

Product category:

Adhesives, Sealants

Uses advised against

Do not use for purposes other than those listed

1.3. Details of the supplier of the safety data sheet

1.4. Emergency telephone number

Tel 01.45.42.59.59

Société / Organisme : ORFILA - INRS - <http://www.centres-antipoison.net>

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

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

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Pictograms:
GHS07

Hazard Class and Category Code(s):
Skin Irrit. 2, Skin Sens. 1, Eye Irrit. 2

Hazard statement Code(s):
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.

If brought into contact with eyes, the product causes significant irritations which may last for more than 24 hours, if brought into contact with skin, it causes significant inflammation with erythema, scabs, or edema
The product, if brought into contact with skin can cause skin sensitization.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008:

Pictogram, Signal Word Code(s):
GHS07 - Warning



Hazard statement Code(s):
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.

Supplemental Hazard statement Code(s):
not applicable

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 vapours.

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

Response

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 to local, regional, national regulations.

Contains:

2-hydroxyethyl methacrylate 98%

2.3. Other hazards

Based on the available data, no PBT or vPvB substances are present in accordance with Regulation (EC) 1907/2006, annex XIII

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No information on other hazards

SECTION 3. Composition/information on ingredients

3.1 Substances

Irrilevant

3.2 Mixtures

Refer to paragraph 16 for full text of hazard statements

Substance	Concentration[w/w]	Classification	Index	CAS	EINECS	REACH
2-hydroxyethyl methacrylate 98%	>= 20 < 30%	Skin Irrit. 2, H315; Skin Sens. 1, H317; Eye Irrit. 2, H319 ATE oral = 5.000,0 mg/kg ATE dermal = 5.000,0 mg/kg	ND	868-77-9	212-782-2	01- 211949016 9-29-0000
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 Limits: Skin Corr. 1B, H314 %C >=10; Skin Irrit. 2, H315 3<= %C <10; Eye Dam. 1, H318 3<= %C <10; Eye Irrit. 2, H319 1<= %C <3; STOT SE 3, H335 1<= %C <10; Acute toxicity M- factor = 1 Chronic toxicity M-factor = 1 ATE oral = 382,0 mg/kg ATE dermal = 1.100,0 mg/kg ATE inhal = 2,0mg/l/4 h	617-002-00-8	80-15-9	201-254-7	ND

SECTION 4. First aid measures

4.1. Description of first aid measures

Inhalation:

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area. If you feel unwell seek medical advice.

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Direct contact with skin (of the pure product).:

Take contaminated clothing Immediately off.

Wash immediately with plenty of running water and possibly with soap, the areas of the body that have, or are only suspected to have, come in contact with the product.

Direct contact with eyes (of the pure product).:

Wash immediately and thoroughly with running water, keeping eyelids open for at least 10 minutes, then protect your eyes with a dry sterile gauze. Seek medical advice immediately

Do not use eye drops or ointments of any kind before the examination or advice from an oculist.

Ingestion:

Rinse 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

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

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

SECTION 5. Firefighting measures

5.1. Extinguishing media

Advised extinguishing agents:

Water spray, CO2, foam, dry chemical, depending on the materials involved in the fire.

Extinguishing means to avoid:

Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. Advice for firefighters

Use protection for the breathing apparatus

Safety helmet and full protective suit.

The spray water can be used to protect the people involved in the extinction

You may also use selfrespirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...)

Keep containers cool 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 release. Do not smoke

Wear mask, gloves and protective clothing.

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6.1.2 For emergency responders:
Wear mask, gloves and protective clothing.
Eliminate all unguarded flames and possible sources of ignition. No smoking.
Provision of sufficient ventilation.
Evacuate the danger area and, in case, consult an expert.

6.2. Environmental precautions

Contain spill with earth or sand.
If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the authorities.
Discharge the remains in compliance with the regulations

6.3. Methods and material for containment and cleaning up

6.3.1 For containment:
Rapidly recover the product, wear a mask and protective clothing
Recover the product for reuse, if possible, or for removal. Possibly absorb it with inert material.
Prevent it from entering the sewer system.

6.3.2 For cleaning up:
After wiping up, wash with water the area and materials involved

6.3.3 Other information:
Nothing in particular.

6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Avoid contact and inhalation of vapors
Wear protective gloves/protective clothing/eye protection/face protection.
In residential areas do not use on large surfaces.
At work do not eat or drink.
Contaminated work clothing should not be allowed out of the workplace.
See also paragraph 8 below.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container closed tightly. Do not store in open or unlabeled containers.
Keep containers upright and safe by avoiding the possibility of falls or collisions.
Store in a cool place, away from sources of heat and direct exposure of sunlight.

7.3. Specific end use(s)

Industrial Manufacturing:
Handle with extreme caution.
Store in a well ventilated place away from heat sources.

Private households:

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Handle with extreme caution.
Store in a well ventilated place away from heat sources.

Public domain:
Handle with care. Store in a ventilated area and away from heat, 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 dermal = 1,3 (mg/kg bw/day)
PNEC
Sweet water = 0,482 (mg/l)
sediment Sweet water = 3,79 (mg/kg/sediment)
STP = 10 (mg/l)
ground = 0,476 (mg/kg ground)

- Substance: cumene hydroperoxide
DNEL
Systemic effects Long term Workers inhalation = 6 (mg/m³)
PNEC
Sweet water = 0,0031 (mg/l)
sediment Sweet water = 0,023 (mg/kg/sediment)
Sea water = 0,00031 (mg/l)
sediment Sea water = 0,0023 (mg/kg/sediment)
intermittent emissions = 0,031 (mg/l)
STP = 0,35 (mg/l)
ground = 0,0029 (mg/kg ground)

8.2. Exposure controls

Appropriate engineering controls:
Industrial Manufacturing:
No specific monitoring foreseen

Private households:
No specific monitoring foreseen

Public domain:
No specific monitoring foreseen

Individual protection measures:

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

(b) Skin protection

(i) Hand protection



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When handling the pure product use chemical resistant protective gloves (EN 374-1/EN374-2/EN374-3)

(ii) Other

When handling the pure product wear full protective skin clothing.

(c) Respiratory protection

Not needed for normal use.

(d) Thermal hazards

No hazard to report

Environmental exposure controls:

Use according to good working practices to avoid pollution into the environment.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value	Determination method
Physical state	Liquid	
	Liquid	
Colour	White	
Odour	Characteristic	
pH	irrelevant	
Melting point/freezing point	not determined	
Evaporation rate	irrelevant	
Flammability	nonflammable	
Boiling point or initial boiling point and boiling range	irrelevant	
Partition coefficient n-octanol/water (log value)	irrelevant	
Auto-ignition temperature	irrelevant	
Odour threshold	irrelevant	
Decomposition temperature	irrelevant	
Density and/or relative density	1,05 g/ml	
Solubility(ies)	Organic Solvent	
Water solubility	non soluble	
Lower and upper explosion limit	not explosive	
Relative vapour density	not determined	
Vapour pressure	not determined	
Kinematic viscosity	20.000 - 40.000 mPa.s	

9.2. Other information

9.2.1 Information with regard to physical hazard classes

a) Explosives

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- i) sensitivity to shock
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- ii) effect of heating under confinement
Irrilevant
- iii) effect of ignition under confinement
Irrilevant
- iv) sensitivity to impact
Irrilevant
- v) sensitivity to friction
Irrilevant
- vi) thermal stability
Irrilevant
- vii) package
Irrilevant
- b) Flammable gases
 - i) T_{ci} / explosion limits
Irrilevant
 - ii) fundamental burning velocity
Irrilevant
- c) Aerosols
Irrilevant
- d) Oxidising gases
Irrilevant
- e) Gases under pressure
Irrilevant
- f) Flammable liquids
Irrilevant
- g) Flammable solids
 - i) burning rate, or burning time as regards metal powders
Irrilevant
 - ii) statement on whether the wetted zone has been passed
Irrilevant
- h) Self-reactive substances and mixtures
 - i) decomposition temperature
Irrilevant
 - ii) detonation properties
Irrilevant
 - iii) deflagration properties
Irrilevant

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iv) effect of heating under confinement
Irrilevant

v) explosive power, if applicable
Irrilevant

i) Pyrophoric liquids
Irrilevant

j) Pyrophoric solids

i) statement on whether spontaneous ignition occurs when poured or within five minutes thereafter, as regards solids in powder form
Irrilevant

ii) statement on whether pyrophoric properties could change over time
Irrilevant

k) Self-heating substances and mixtures

i) statement on whether spontaneous ignition occurs and the maximum temperature rise obtained
Irrilevant

ii) results of screening tests referred to in section 2.11.4.2 of Annex I to Regulation (EC) No 1272/2008, if relevant and available
Irrilevant

l) Substances and mixtures, which emit flammable gases in contact with water. The following information may be provided

i) identity of the emitted gas, if known
Irrilevant

ii) statement on whether the emitted gas ignites spontaneously
Irrilevant

iii) gas evolution rate
Irrilevant

m) Oxidising liquids
Irrilevant

n) Oxidizing solids
Irrilevant

o) Organic peroxides

i) decomposition temperature
Irrilevant

ii) detonation properties
Irrilevant

iii) deflagration properties
Irrilevant

iv) effect of heating under confinement
Irrilevant

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v) explosive power
Irrilevant

p) Corrosive to metals

i) metals that are corroded by the substance or mixture
Irrilevant

ii) corrosion rate and statement on whether it refers to steel or aluminium
Irrilevant

iii) reference to other sections of the safety data sheet with regard to compatible or incompatible materials
Irrilevant

q) Desensitised explosives

i) desensitising agent used
Irrilevant

ii) exothermic decomposition energy
Irrilevant

iii) corrected burning rate (Ac)
Irrilevant

iv) explosive properties of the desensitised explosive in that state
Irrilevant

9.2.2 Other safety characteristics

a) mechanical sensitivity
Irrilevant

b) self-accelerating polymerisation temperature
Irrilevant

c) formation of explosible dust/air mixtures
Irrilevant

d) acid/alkaline reserve
Irrilevant

e) evaporation rate
Irrilevant

f) miscibility
Irrilevant

g) conductivity
Irrilevant

h) corrosiveness
Irrilevant

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i) gas group
Irrilevant

j) redox potential
Irrilevant

k) radical formation potential
Irrilevant

l) photocatalytic properties
Irrilevant

SECTION 10. Stability and reactivity

10.1. Reactivity

No reactivity hazards

10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

10.3. Possibility of hazardous reactions

There are no hazardous reactions

10.4. Conditions to avoid

Nothing to report

10.5. Incompatible materials

It can generate inflammable gases to contact with elementary metals, nitrides.
It can ignite in contact with oxidants mineral acids, strong oxidants agents, strong reducing agents.

10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

SECTION 11. Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

ATE(mix) oral = 50.263,2 mg/kg
ATE(mix) dermal = 144.736,8 mg/kg
ATE(mix) inhal = 264,5 mg/l/4 h

(a) acute toxicity: cumene hydroperoxide: 594/5000

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The substance is corrosive to the eyes, the skin and the respiratory tract. Corrosive by ingestion. Inhalation of this substance may cause pulmonary edema (see Notes). The effects can be delayed. Medical observation is indicated.

ACUTE RISKS / SYMPTOMS

INHALATION Sore throat. Burning sensation. Cough. Respiratory difficulty. Shortness of breath. Symptoms may occur late (see Notes).

CUITE Redness. Ache. Skin burns.

EYES Redness. Ache. Serious deep burns.

INGESTION Burning sensation. Abdominal pain. Shock or collapse.

(b) skin corrosion/irritation: If brought into contact with the skin, the product causes significant inflammation with erythema, scabs, or edema.

(c) serious eye damage/irritation: If brought into contact with eyes, the product, causes significant irritations which may last for more than 24 hours.

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

rabbit, Draize, (own analysis), irritating

Irritating to eyes Category 2B (UN-GHS)

(d) respiratory or skin sensitization: The product, if brought into contact with skin can cause skin sensitization.

2-hydroxyethyl methacrylate 98%: Respiratory or skin sensitization

guinea pig, GPMT - Sensitizer

Skin sensitization Category 1B (UN-GHS)

(e) germ cell mutagenicity: based on available data, the classification criteria are not met

(f) carcinogenicity: based on available data, the classification criteria are not met

(g) reproductive toxicity: based on available data, the classification criteria are not met

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

(i) specific target organ toxicity (STOT) repeated exposure 2-hydroxyethyl methacrylate 98%: Repeated Toxicity administration

rat, oral, 7th Sept., OECD 422 - NOAEL - 100 mg / kg

cumene hydroperoxide: Species: Rat

NOAEL: 0.031 mg / l

Application method: inhalation (dust / mist / fumes)

Exposure time: 90 d

(j) aspiration hazard: based on available data, the classification criteria are not met

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

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

CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 394,7

Related to contained substances:

2-hydroxyethyl methacrylate 98%:

Toxicokinetics, metabolism and distribution

The substance is rapidly metabolized

General indications

Contact with the eyes and skin should be avoided, as well as the breathing of the product vapors.

LD50 (rat) Oral (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 into the body by inhalation, through the skin and by ingestion.

INHALATION RISK: No indication can be given about the rate in which a harmful concentration in the air is reached on evaporation of this substance at 20 ° C.

N O T E The symptoms of pulmonary edema often do not occur within a few hours and are exacerbated by physical exertion. Rest and medical observation are therefore essential. Immediate administration of an appropriate inhalation therapy by a physician or personnel authorized by him should be considered.

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

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

CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 2,01

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11.2. Information on other hazards

No data available.

SECTION 12. Ecological information

12.1. Toxicity

Use according to good working practices to avoid pollution into the environment.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

Based on the available data, no PBT or vPvB substances are present in accordance with Regulation (EC) 1907/2006, annex XIII

12.6. Endocrine disrupting properties

Based on available data, there are no substances that interfere with the Endocrine System in accordance with Regulation (EU) 2017/2100

12.7. Other adverse effects

No adverse effects

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies. Recover if possible. Send to authorized discharge plants or for incineration under controlled conditions. Operate according to local and National rules in force

SECTION 14. Transport information

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14.1. UN number or ID number

Not included in the scope of application regulations concerning the transport of dangerous goods: by road (ADR); by rail (RID); by air (ICAO / IATA); by sea (IMDG).

14.2. UN proper shipping name

None

14.3. Transport hazard class(es)

None

14.4. Packing group

None

14.5. Environmental hazards

None

14.6. Special precautions for user

No data available.

14.7. Maritime transport in bulk according to IMO instruments

It is not intended to carry bulk

SECTION 15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

REGULATION (EU) No 1357/2014 - waste:
HP4 - Irritant — skin irritation and eye damage
HP13 - Sensitising

Substances in the Candidate List (REACH Article 59)
Based on available data, no SVHC substances are present

15.2. Chemical safety assessment

The supplier has made an assessment of chemical safety

SECTION 16. Other information

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16.1. Other information

Description of the hazard statements exposed to point 3

H315 = Causes skin irritation.

H317 = May cause an allergic skin reaction.

H319 = Causes serious eye irritation.

H226 = Flammable liquid and vapour.

H242 = Heating may cause a fire.

H302 = Harmful if swallowed.

H312 = Harmful in contact with skin.

H314 = Causes severe skin burns and eye damage.

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 and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008

H315 - Causes skin irritation. Classification procedure: Calculation method

H317 - May cause an allergic skin reaction. Classification procedure: Calculation method

H319 - Causes serious eye irritation. Classification procedure: Calculation method

GENERAL BIBLIOGRAPHY:

- Council Regulation (EC) 1907/2006 of the European Parliament (REACH)
- Regulation (EC) 1272/2008 of the European Parliament (CLP) and subsequent updates
- Council Regulation (EC) no 758/2013 of the European Parliament
- Regulation (EC) no 2020/878 of the European Parliament
- Regulation (EC) No 528/2012 European Parliament and subsequent updates
- Commission Regulation (EC) No 790/2009 of 10 August 2009
- Commission Regulation (EU) No 286/2011 of 10 March 2011
- Commission Regulation (EU) No 618/2012 of 10 July 2012
- Commission Regulation (EU) No 487/2013 of 8 May 2013
- Council Regulation (EU) No 517/2013 of 13 May 2013
- Commission Regulation (EU) No 758/2013 of 7 August 2013
- Commission Regulation (EU) No 944/2013 of 2 October 2013
- Commission Regulation (EU) No 605/2014 of 5 June 2014
- Commission Regulation (EU) 2015/491 of 23 March 2015
- Commission Regulation (EU) No 1297/2014 of 5 December 2014- Council Regulation (EC) 648/2004 of the European Parliament and subsequent updates
- The Merck Index
- Handling Chemical Safety
- Niosh Registry of Toxic Effects of Chemical Substances
- INRS - Fiche Toxicologique
- Patty-Industrial Hygiene and Toxicology
- N.I. Sax-Dangerous properties of Industrial Materials-7 Ed., 1989

Note to the user:

the information in this tab are based on knowledge available to us on the date of the latest version.

The user must ensure the fitness and completeness of the information in relation to the specific use of the product.

You should not interpret it as a guarantee of any specific property of the product.

For the use of the product does not fall under our direct control, the obligation of the user to observe under their own liability laws and regulations on hygiene and safety. Do not assume liability for improper use.

This tab replaces and cancels all previous