EASY FILET FORT

Issued on 01/31/2019 - Rel. # 1 on 02/14/2019

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Identification:
EASY FILET FORT

Product Type:
METHACRYLIC ESTER BASED ADHESIVE

Company/undertaking identification

IPC SAS
CS 71821 - 10, Quai Cdt Malbert 29218 BREST - France T
02-98-43-45-44 - F 02-98-43-22-53 ipc@groupe-ipc.com
Société/Organisme: ORPHILA - INRS - http://www.centres-antipoison.net.

2. HAZARD IDENTIFICATION

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

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
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Response
P302+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 to local, regional, national regulations.

Contains:
2-hydroxyethyl methacrylate 98%

2.3. Other hazards
The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII
No information on other hazards

3. COMPOSITION/INFORMATION ON INGREDIENTS
3.1 Substances
Irrilevant

3.2 Mixtures
Refer to paragraph 16 for full text of hazard statements

Substance	Concentration	Classification	Index	CAS	EINECS	REACh
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	

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.

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

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.

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 self-respirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluorine, Solkan 123, NAF, etc...)
Keep containers cool with water spray

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.
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

7. HANDLING AND STORAGE

7.1. Precautions for safe handling
Avoid contact and inhalation of vapours
Wear protective gloves/protective clothing/eye protection/face protection.
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 unlabelled 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:
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.

8. EXPOSURE CONTROL/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

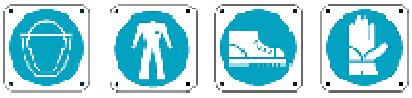
Appropriate engineering controls:
Industrial Manufacturing:
No specific monitoring foreseen

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
Butyl rubber gloves (0.3 mm), permeation time approx. 480 min (EN 374)
(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.



9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical and chemical properties	**Value**	**Determination method**
Appearance	Liquid	
Odour	Characteristic	
Odour threshold	not determined	
pH	irrelevant	
Melting point/freezing point	not determined	
Initial boiling point and boiling range	irrelevant	
Flash point	> 100 °C	ASTM D92
Evaporation rate	irrelevant	
Physical and chemical properties	Value	Determination method
Flammability (solid, gas)	nonflammable	
Upper/lower flammability or	nonflammable	
Vapour pressure	not determined	
Vapour density	not determined	
Relative density	1,04 - 1,07 g/ml	
Solubility(ies)	organic solvents	
Water solubility	not soluble	
Partition coefficient: n-	irrelevant	
Auto-ignition temperature	irrelevant	
Decomposition temperature	irrelevant	
Viscosity	90 - 200.000 cps	

Explosive properties	not explosive	
Oxidising properties	not determined	

9.2. Other information
No data available.

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.

11. TOXICOLOGICAL INFORMATION
11.1. Information on toxicological effects
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
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).
CUTE Redness. Ache. Skin burns.
EYES Redness. Ache. Serious deep burns.
INGESTION Burning sensation. Abdominal pain. Shock or collapse.

(b) skin corrosion/irritationIf 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 exposure2-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

ANAEROBICS:
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 vapours.
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

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
The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

12.6. Other adverse effects
No adverse effects

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

14. TRANSPORT INFORMATION

14.1. UN 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. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
It is not intended to carry bulk

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

15.2. Chemical safety assessment
The supplier has made an assessment of chemical safety

16. OTHER INFORMATION
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 based on data of all mixture components

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 2015/830 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