



Article number 5570230

Service Best B.V.

5503 LM Veldhoven/ the Netherlands

Date printed 03.04.2019, Revision 02.04.2019

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Womi Interior mirrorglue****Article number: 5570230****1.2 Relevant identified uses of the substance or mixture and uses advised against****1.2.1 Relevant uses**

See product information.

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet**Company**

Service Best B.V.
De Run 4271
5503 LM Veldhoven/ the Netherlands
Phone +31(0)40 230 2300
Fax +31 (0)40 230 2302
Homepage
E-mail info@servicebest.com

Address enquiries to**Technical information**

info@servicebest.com

Safety Data Sheet

sdb@chemiebuero.de

1.4 Emergency telephone number**Advisory body**

+31 (0) 30 2748888

Company**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture [REGULATION (EC) No 1272/2008]**

see SECTION 16

2.2 Label elements

The product is required to be labelled in accordance with regulation (EC) No 1272/2008 (CLP).

2.3 Other hazards**Other hazards**

Further hazards were not determined with the current level of knowledge.



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SECTION 3: Composition / Information on ingredients**Product-type:**

The product is a mixture.

Range [%]	Substance
10 - 25	Methacrylic acid, monoester with Propan-1,2-diole
	CAS: 27813-02-1, EINECS/ELINCS: 248-666-3, Reg-No.: 01-2119490226-37-XXXX
	GHS/CLP: Eye Irrit. 2: H319 - Skin Sens. 1: H317
10 - < 25	(1-methylethylidene)bis(4,1-phenyleneoxy-2,1-ethanediyl) bismethacrylate
	CAS: 24448-20-2, EINECS/ELINCS: 246-263-7
	GHS/CLP: Aquatic Chronic 3: H412
5 - 10	2-propenoic acid 2-carboxyethyl ester
	GHS/CLP: Skin Irrit. 2: H315 - Eye Irrit. 2: H319
1 - < 5	Acrylic acid
	CAS: 79-10-7, EINECS/ELINCS: 201-177-9, EU-INDEX: 607-061-00-8
	GHS/CLP: Flam. Liq. 3: H226 - Acute Tox. 4: H332 - Acute Tox. 4: H312 - Acute Tox. 4: H302 - Skin Corr. 1A: H314 - Aquatic Acute 1: H400 - STOT SE 3: H335, M = 1
1 - 5	exo-1,7,7-Trimethylbicyclo[2.2.1]hept-2-yl methacrylate
	CAS: 7534-94-3, EINECS/ELINCS: 231-403-1, EU-INDEX: 607-134-00-4, Reg-No.: 01-2119886505-27
	GHS/CLP: Skin Irrit. 2: H315 - Eye Irrit. 2: H319 - STOT SE 3: H335 - Aquatic Chronic 3: H412
1 - < 2,5	Esterification product of poly[oxy(methyl-1,2-ethanediyl)], .alpha.,.alpha.'-(2,2-dimethyl-1,3-propanediyl)bis[.omega.-hydroxy- and prop-2-enoic acid
	CAS: 84170-74-1, EINECS/ELINCS: Polymer
	GHS/CLP: Skin Sens. 1: H317 - Aquatic Chronic 2: H411
< 1	2'-Phenylacetohydrazide
	CAS: 114-83-0, EINECS/ELINCS: 204-055-3
	GHS/CLP: Acute Tox. 4: H302 H312 H332 - Skin Irrit. 2: H315 - Eye Irrit. 2: H319 - Carc. 2: H351 - STOT SE 3: H335 - Skin Sens. 1: H317
< 1	Cumene hydroperoxide
	CAS: 80-15-9, EINECS/ELINCS: 201-254-7, EU-INDEX: 617-002-00-8, Reg-No.: 01-2119475796-19
	GHS/CLP: Org. Perox. E: H242 - Acute Tox. 3: H331 - Acute Tox. 4: H302 H312 - STOT RE 2: H373 - Skin Corr. 1B: H314 - Aquatic Chronic 2: H411 - STOT SE 3: H335

Comment on component parts

Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
For full text of H-statements: see SECTION 16.

SECTION 4: First aid measures**4.1 Description of first aid measures****General information**

Take off contaminated clothing and wash before reuse.

Inhalation

Ensure supply of fresh air.
In the event of symptoms seek medical treatment.

Skin contact

In case of contact with skin wash off immediately with soap and water.
Consult a doctor if skin irritation persists.

Eye contact

Consult a doctor immediately.
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion

Consult a doctor immediately.
Do not induce vomiting.
Rinse out mouth and give plenty of water to drink.

4.2 Most important symptoms and effects, both acute and delayed

Irritant effects
Cough

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.
Forward this sheet to the doctor.



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SECTION 5: Fire-fighting measures**5.1 Extinguishing media**

Suitable extinguishing media Alcohol-resistant foam.
Carbon dioxide.
Dry powder.

Extinguishing media that must not be used Full water jet.

5.2 Special hazards arising from the substance or mixture

Risk of formation of toxic pyrolysis products.
Carbon monoxide (CO)
Carbon dioxide (CO₂)
Nitrogen oxides (NO_x).

5.3 Advice for firefighters

Use self-contained breathing apparatus.
Do not inhale explosion and/or combustion gases.
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation.
High risk of slipping due to leakage/spillage of product.
Wear suitable protective equipment. For personal protection see SECTION 8.

6.2 Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers).
Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Pick up with absorbent material (e.g. sand, sawdust, universal absorbent, diatomaceous earth).
Dispose of absorbed material in accordance with the regulations.

6.4 Reference to other sections

See SECTION 8+13

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Use only in well-ventilated areas.
Avoid contact with eyes and skin. Use personal protective equipment.
Keep away from open flames, hot surfaces and sources of ignition.
Take off contaminated clothing and wash before reuse.
Do not eat, drink, smoke or take drugs at work.
Wash hands before breaks and after work.
Use barrier skin cream.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original container.
Prevent penetration into the ground.
Do not store together with oxidizing agents.
Do not store together with metals.
Keep container in a well-ventilated place.
Keep in a cool place. Store in a dry place.



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7.3 Specific end use(s)

See product use, SECTION 1.2



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SECTION 8: Exposure controls / personal protection**8.1 Control parameters****Ingredients with occupational exposure limits to be monitored (GB)**

Substance
Acrylic acid
CAS: 79-10-7, EINECS/ELINCS: 201-177-9, EU-INDEX: 607-061-00-8
Long-term exposure: 2 ppm, A4; ACGIH2006

Ingredients with occupational exposure limits to be monitored (EU)

Substance / EC LIMIT VALUES
Acrylic acid
CAS: 79-10-7, EINECS/ELINCS: 201-177-9, EU-INDEX: 607-061-00-8
Eight hours: 10 ppm, 29 mg/m ³
Short-term (15-minute): 20 ppm, 59 mg/m ³ , 1

DNEL

Substance
Methacrylic acid, monoester with Propan-1,2-diole, CAS: 27813-02-1
Industrial, dermal, Long-term - systemic effects: 4.2 mg/kg bw/day.
Industrial, inhalative, Long-term - systemic effects: 264.5 mg/m ³ .
general population, oral, Long-term - systemic effects: 2.5 mg/kg bw/day.
general population, inhalative, Long-term - systemic effects: 8.8 mg/m ³ .
general population, dermal, Long-term - systemic effects: 2.5 mg/kg bw/day.
exo-1,7,7-Trimethylbicyclo[2.2.1]hept-2-yl methacrylate, CAS: 7534-94-3
Industrial, dermal, Long-term - systemic effects: 1,04 mg/kg bw/d (AF=24).
general population, dermal, Long-term - systemic effects: 0,625 mg/kg bw/d (AF=40).
Cumene hydroperoxide, CAS: 80-15-9
Industrial, inhalative, Long-term - systemic effects: 6 mg/m ³ (AF=5,25).

PNEC

Substance
Methacrylic acid, monoester with Propan-1,2-diole, CAS: 27813-02-1
freshwater, 0.904 mg/L.
soil, 0.727 mg/kg.
sediment (seawater), 6.28 mg/kg.
sediment (freshwater), 6.28 mg/kg.
sewage treatment plants (STP), 10 mg/L.
seawater, 0.904 mg/L.
exo-1,7,7-Trimethylbicyclo[2.2.1]hept-2-yl methacrylate, CAS: 7534-94-3
seawater, 0,466 µg/l (AF= 500).
sewage treatment plants (STP), 2,45 mg/l (AF= 10).
sediment (freshwater), 0,604 mg/kg dw.
freshwater, 4,66 µg/l (AF= 50).
sediment (seawater), 0,06 mg/kg dw (AF= 10).
soil, 0,118 mg/kg dw.
Cumene hydroperoxide, CAS: 80-15-9
sediment (freshwater), 0,023 mg/kg dw.
freshwater, 0,003 mg/l (AF=1000).
sewage treatment plants (STP), 0,35 mg/l (AF=1).



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sediment (seaater), 0,002 mg/kg dw.

soil, 0,003 mg/kg dw.

seawater, 0 mg/l (AF=10000).

8.2 Exposure controls

Additional advice on system design	Ensure adequate ventilation on workstation. Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances.
Eye protection	Safety glasses. (EN 166:2001)
Hand protection	The details concerned are recommendations. Please contact the glove supplier for further information. > 0,4mm: Neoprene, >480 min (EN 374-1/-2/-3). > 0,4mm: Nitrile rubber, >480 min (EN 374-1/-2/-3).
Skin protection	Protective clothing (EN 340)
Other	Avoid contact with eyes and skin. Do not inhale vapours. Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier.
Respiratory protection	Respiratory protection mask in the event of high concentrations. Short term: filter apparatus, filter A. (DIN EN 14387)
Thermal hazards	No information available.
Delimitation and monitoring of the environmental exposition	Comply with applicable environmental regulations limiting discharge to air, water and soil.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	Viscous liquid
Color	yellow amber colour
Odor	characteristic
Odour threshold	No information available.
pH-value	4 - 6
pH-value [1%]	No information available.
Boiling point [°C]	No information available.
Flash point [°C]	> 100
Flammability (solid, gas) [°C]	not applicable
Lower explosion limit	No information available.
Upper explosion limit	No information available.
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	ca. 0,1 mmHg (20°C)
Density [g/ml]	1,08
Bulk density [kg/m³]	not applicable
Solubility in water	immiscible
Partition coefficient [n-octanol/water]	No information available.
Viscosity	ca. 2500 cPs
Relative vapour density determined in air	No information available.
Evaporation speed	No information available.
Melting point [°C]	No information available.
Autoignition temperature [°C]	No information available.
Decomposition temperature [°C]	No information available.



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9.2 Other information

No information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known if used as directed.

10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions

Reactions with oxidizing agents.

Reactions with metals.

Reactions with reducing agents.

Risk of polymerisation.

10.4 Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition.

Sunlight

Strong heating.

10.5 Incompatible materials

See SECTION 10.3.

10.6 Hazardous decomposition products

No dangerous reactions known if used as directed.

In the event of fire: See SECTION 5.



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SECTION 11: Toxicological information**11.1 Information on toxicological effects****Acute toxicity**

Product
inhalative, Based on the available information, the classification criteria are not fulfilled.:
dermal, Based on the available information, the classification criteria are not fulfilled.:
oral, Based on the available information, the classification criteria are not fulfilled.:
Substance
Acrylic acid, CAS: 79-10-7
LD50, dermal, Rabbit: 280 mg/kg (IUCLID).
LD50, oral, Rat: 1250 mg/kg (IUCLID).
LD50, oral, Rat: 360 mg/kg (IUCLID).
LD50, oral, Rat: 193 mg/kg (IUCLID).
LC50, inhalative, Rat: 3,6 mg/l/4h (IUCLID).
LC50, inhalative, Rat: 1202-3840 ppm/4h (IUCLID).
Esterification product of poly[oxy(methyl-1,2-ethanediyl)], .alpha.,.alpha.'-(2,2-dimethyl-1,3-propanediyl)bis[.omega.-hydroxy- and prop-2-enoic acid, CAS: 84170-74-1
LD50, dermal, Rat: > 2000 mg/kg.
LD50, oral, Rat: > 5000 mg/kg (Lit.).
Methacrylic acid, monoester with Propan-1,2-diole, CAS: 27813-02-1
LD50, oral, Rat: 11200 mg/kg.
LD50, dermal, Rabbit: > 5000 mg/kg.
exo-1,7,7-Trimethylbicyclo[2.2.1]hept-2-yl methacrylate, CAS: 7534-94-3
LD50, dermal, Rabbit: > 3000 mg/kg bw.
LD50, oral, Rat: > 2000 mg/kg bw.
Cumene hydroperoxide, CAS: 80-15-9
LD50, dermal, Rabbit: 133,6 mg/kg.
LD50, oral, Rat: 382 mg/kg.

Serious eye damage/irritation

Toxicological data of complete product are not available.
Risk of serious damage to eyes.
Calculation method

Skin corrosion/irritation

Toxicological data of complete product are not available.
Irritant
Calculation method

Respiratory or skin sensitisation

Toxicological data of complete product are not available.
Sensitizing.
Calculation method

Specific target organ toxicity — single exposure

May cause respiratory irritation.
Classification was carried out based on substance-specific concentration limits.

Specific target organ toxicity — repeated exposure

Based on the available information, the classification criteria are not fulfilled.

Mutagenicity

Based on the available information, the classification criteria are not fulfilled.

Reproduction toxicity

Based on the available information, the classification criteria are not fulfilled.

Carcinogenicity

Based on the available information, the classification criteria are not fulfilled.

Aspiration hazard

Based on the available information, the classification criteria are not fulfilled.

General remarks

Has a degreasing effect on the skin.
Frequent persistent contact with the skin can cause dermatitis.

Toxicological data of complete product are not available.
The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists.



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SECTION 12: Ecological information**12.1 Toxicity**

Product
Based on the available information, the classification criteria are not fulfilled.:
Substance
Acrylic acid, CAS: 79-10-7
LC50, (96h), Brachidanio rerio: 222 mg/l (IUCLID).
LC50, (96h), Salmo gairdneri: 27 mg/l (IUCLID).
EC50, (72h), Chlorella vulgaris: 0,63 mg/l (IUCLID).
EC50, (72h), Scenedesmus subspicatus: 0,04 mg/l (IUCLID).
EC50, (48h), Daphnia magna: 95 mg/l (IUCLID).
EC50, (24h), Daphnia magna: 54 mg/l (IUCLID).
Esterification product of poly[oxy(methyl-1,2-ethanediyl)], .alpha.,.alpha.'-(2,2-dimethyl-1,3-propanediyl)bis[.omega.-hydroxy- and prop-2-enoic acid, CAS: 84170-74-1
LC50, (96h), fish: 2,7 mg/kg.
EC50, (48h), Daphnia magna: 37 mg/kg.
IC50, (72h), Algae: 11 mg/kg.
Methacrylic acid, monoester with Propan-1,2-diole, CAS: 27813-02-1
LC50, (48h), Leuciscus idus: 493 mg/l (DIN 38412).
EC50, (72h), Pseudokirchneriella subcapitata: 97,2 mg/l (OECD 201).
EC50, (48h), Daphnia magna: 380 mg/l (OECD 202).
Cumene hydroperoxide, CAS: 80-15-9
LC50, (96h), Oncorhynchus mykiss: 3,9 mg/l.
EC50, (48h), Daphnia magna: 18,84 mg/l.

12.2 Persistence and degradability

Behaviour in environment compartments	No information available.
Behaviour in sewage plant	No information available.
Biological degradability	No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

12.6 Other adverse effects

Ecological data of complete product are not available.

Do not discharge product unmonitored into the environment or into the drainage.



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SECTION 13: Disposal considerations**13.1 Waste treatment methods**

Waste material c It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

Disposal in an incineration plant in accordance with the regulations of the local authorities.
Dispose of as hazardous waste.

Waste no. (recommended) 080409*

Contaminated packaging

Uncontaminated packaging may be taken for recycling.
Packaging that cannot be cleaned should be disposed of as for product.

Waste no. (recommended) 150110*

SECTION 14: Transport information**14.1 UN number**

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.2 UN proper shipping name

Transport by land according to ADR/RID NO DANGEROUS GOODS

Inland navigation (ADN) NO DANGEROUS GOODS

Marine transport in accordance with IMDG NOT CLASSIFIED AS "DANGEROUS GOODS"

Air transport in accordance with IATA NOT CLASSIFIED AS "DANGEROUS GOODS"

14.3 Transport hazard class(es)

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable



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14.4 Packing group

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.5 Environmental hazards

Transport by land according to ADR/RID no

Inland navigation (ADN) no

Marine transport in accordance with IMDG no

Air transport in accordance with IATA no

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

not applicable

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

EEC-REGULATIONS 1991/689 (2001/118); 2010/75; 2004/42; 648/2004; 1907/2006 (REACH); 1272/2008; 75/324/EEC (2016/2037/EC); (EU) 2015/830; (EU) 2016/131; (EU) 517/2014

TRANSPORT-REGULATIONS ADR (2019); IMDG-Code (2019, 39. Amdt.); IATA-DGR (2019)

NATIONAL REGULATIONS (GB): EH40/2005 Workplace exposure limits (Second edition, published December 2011).

- Observe employment restrictions for people Observe employment restrictions for young people.
Observe employment restrictions for mothers-to-be and nursing mothers.

- VOC (2010/75/CE) No information available.

15.2 Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information**16.1 Classification according to Regulation (EC) No 1272/2008 [CLP]**

Hazard pictograms



Signal word

DANGER

Eye Dam. 1: H318 Causes serious eye damage.
Skin Irrit. 2: H315 Causes skin irritation.
Skin Sens. 1: H317 May cause an allergic skin reaction.
STOT SE 3: H335 May cause respiratory irritation.
Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects.



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16.2 Hazard statements (SECTION 03)

H351 Suspected of causing cancer.
 H302+H312+H332 Harmful if swallowed, in contact with skin or if inhaled.
 H373 May cause damage to organs through prolonged or repeated exposure.
 H302+H312 Harmful if swallowed or in contact with skin.
 H331 Toxic if inhaled.
 H242 Heating may cause a fire.
 H411 Toxic to aquatic life with long lasting effects.
 H335 May cause respiratory irritation.
 H400 Very toxic to aquatic life.
 H314 Causes severe skin burns and eye damage.
 H302 Harmful if swallowed.
 H312 Harmful in contact with skin.
 H332 Harmful if inhaled.
 H226 Flammable liquid and vapour.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H319 Causes serious eye irritation.
 H412 Harmful to aquatic life with long lasting effects.

16.3 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
 RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
 ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
 ATE = acute toxicity estimate
 CAS = Chemical Abstracts Service
 CLP = Classification, Labelling and Packaging
 DMEL = Derived Minimum Effect Level
 DNEL = Derived No Effect Level
 EC50 = Median effective concentration
 ECB = European Chemicals Bureau
 EEC = European Economic Community
 EINECS = European Inventory of Existing Commercial Chemical Substances
 ELINCS = European List of Notified Chemical Substances
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals
 IATA = International Air Transport Association
 IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
 IC50 = Inhibition concentration, 50%
 IMDG = International Maritime Code for Dangerous Goods
 IUCLID = International Uniform Chemical Information Database
 LC50 = Lethal concentration, 50%
 LD50 = Median lethal dose
 LC0 = lethal concentration, 0%
 LOAEL = lowest-observed-adverse-effect level
 MARPOL = International Convention for the Prevention of Marine Pollution from Ships
 NOAEL = No Observed Adverse Effect Level
 NOEC = No Observed Effect Concentration
 PBT = Persistent, Bioaccumulative and Toxic substance
 PNEC = Predicted No-Effect Concentration
 REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
 STP = Sewage Treatment Plant
 TLV®/TWA = Threshold limit value – time-weighted average
 TLV®STEL = Threshold limit value – short-time exposure limit
 VOC = Volatile Organic Compounds
 vPvB = very Persistent and very Bioaccumulative

16.4 Other information

Modified position

SECTION 2 been added: H412 Harmful to aquatic life with long lasting effects.
 SECTION 2 been added: Aquatic Chronic 3



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