

	SAFETY DATA SHEET	
	In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended	
HOUSTON glue		
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

HOUSTON glue

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

Relevant identified uses: Glue for eyelash extensions. For professional use.

Uses advised against: Not determined.

1.3. Details of the supplier of the safety data sheet

Supplier: LLC Onrial (Onrial Sp. o.o.)

Address: Poland; PL 31-153 Kraków; Szlak 77/222 Street

Telephone/Fax: +48 536 101 615

E-mail address of the person responsible for the SDS: ceo@onrial.com

1.4. Emergency telephone number

112 (emergency call)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation 1272/2008/EC:

Skin Irrit. 2; H315

Eye Irrit. 2; H319

STOT SE 3; H335

Hazards to man: Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.

Hazards to environment: Does not meet the criteria of classification as posing an environmental hazard.

Hazard from physical and chemical properties: Does not meet the criteria of classification.

In section 16 stated the meaning of H-phrases and symbols.

2.2. Label elements

Label accordance with Regulation 1272/2008/EC (CLP)

Hazard pictograms, signal words:



Warning

Hazard statements:

H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

H335 - May cause respiratory irritation.

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Precautionary statements:

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.

P332+P313 - If skin irritation occurs: Get medical advice/attention.

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

P501 - Dispose of contents/container to disposal containers.

The names of hazardous ingredients on the label: Ethyl 2-cyanoacrylate.

EUH202 - Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

2.3. Other hazards

No information on meeting the criteria for PBT or vPvB in accordance with Annex XIII of Regulation 1907/2006 (REACH).

The product does not contain ingredients entered in the list established in accordance with Art. 59 paragraph 1 as having endocrine disrupting properties or components with endocrine disrupting properties in accordance with the criteria set out in Regulation 2017/2100/EU or Regulation 2018/605/EU in a concentration equal to or greater than 0.1%.

SECTION 3: Composition/information on ingredients
3.1. Substances

Not applicable.

3.2. Mixtures

Contains carbon black [CAS: 1333-86-4].

Substance name:	Ethyl 2-cyanoacrylate
Concentration [%]:	<87
CAS Number:	7085-85-0
EC Number:	230-391-5
Index Number:	607-236-00-9
Classification 1272/2008/EC:	Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335 Specific Concentration Limits (CLP): STOT SE 3; H335: C ≥ 10 %
The registration number:	Not applicable. The substance does not exceed the import of 1 ton per year (Article 6(1) of Regulation 1907/2006 (REACH)).

In section 16 stated the meaning of H-phrases and symbols.

The product does not contain impurities and additives classified as hazardous with respect to the requirements of Regulation 1272/2008/EC.

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SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Remove affected person to fresh air and keep rested. In case of respiratory arrest, apply artificial respiration. If breathing is difficult, a trained person can administer oxygen. Call a POISON CENTRE/doctor if you feel unwell.

Skin contact: Remove contaminated clothing. Wash contaminated skin with soap and water. If skin irritation occurs: Get medical advice/attention.

Eye contact: Remove any contact lenses. Wash contaminated eyes with plenty of water for at least 15 minutes, with eyelids rolled up. From time to time, overlap the upper eyelid with the lower eyelid. If eye irritation persists: Get medical advice/attention.

Ingestion: Give plenty of water to drink. Get medical advice/attention.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation: May cause respiratory irritation. May have narcotic effects. May cause dizziness, headache and vomiting. Prolonged and repeated exposure to vapors may cause asthma symptoms.

Eye contact: Causes serious eye irritation. Bonds eyes in seconds.

Skin contact: Causes skin irritation. Bonds skin in seconds.

Ingestion: May cause irritation to the digestive system.

4.3. Indication of any immediate medical attention and special treatment needed

Remove affected person from the environment contaminated by the product. In the event of health problems, consult your doctor or the centre of toxicological concern. Provide the information contained in the SDS. If unconscious, do not give anything by mouth.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: carbon dioxide (CO₂), foam, dry firefighting powders.

Unsuitable extinguishing media: Not specified.

5.2. Special hazards arising from the substance or mixture

In case of combustion(fire) hazardous products may be formed: carbon oxide, nitrogen oxides, unknown hydrocarbons and irritant organic compounds. Avoid inhalation of combustion products, because they may pose a health risk.

5.3. Advice for firefighters

Wear full protective equipment and self-contained breathing apparatus with independent air circulation. Containers exposed to fire or high temperature cool with water and if possible remove from the danger zone. Protect drains, surface waters and soil from pollution.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Access of non-emergency personnel to the area of accident should be restricted until the completion of the disposal of the product. Wear appropriate personal protective equipment. Provide adequate ventilation. Avoid sources of ignition. Avoid direct contact with eyes and skin.

For emergency responders: Wear appropriate personal protective equipment. Avoid inhalation of vapors. Provide adequate ventilation. Avoid sources of ignition. Avoid direct contact with eyes and skin.

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6.2. Environmental precautions

Secure the gullies. Prevent contamination of surface and ground water. In the event of any serious pollution of the environment, notify the appropriate administrative authority, control and rescue services.

6.3. Methods and material for containment and cleaning up

Secure damaged packaging. Collect the spill with absorbent materials (dry cloth, sand). Collected product put in a substitute container, reuse or direct to the destruction. Flush the contaminated area with plenty of water. Ventilate the contaminated area. Protect drains, surface waters from pollution.

6.4. Reference to other sections

Disposal - see Section 13. Personal protective equipment - see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Do not eat, drink, smoke or take drugs at work. Wash hands before break and after work with product. Take off contaminated clothing and wash it before reuse. Wear appropriate personal protective equipment. Take action to prevent static discharges. Use only outdoors or in a well-ventilated area. Avoid direct contact with eyes and skin.

7.2. Conditions for safe storage, including any incompatibilities

Keep in properly labelled, factory sealed containers, with a label which complies with current regulations. Store in a cool, dry and well-ventilated area. Store at temperatures below 25 °C. Avoid sources of heat, ignition and open fire. Keep away from oxidizing agents, combustible materials.

7.3. Specific end use(s)

Glue for eyelash extensions. For professional use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Substance name	TWA	STEL	BLV
Ethyl cyanoacrylate [CAS: 7085-85-0]	-	1.5 mg/m ³	-
Carbon black [CAS: 1333-86-4]	3.5 mg/m ³	7 mg/m ³	-

Legal basis: Ordinance on maximum permissible concentration and intensity of harmful factors in the work environment in accordance with national limit values.

EH40/2005 Workplace exposure limits, fourth edition, published 2020, ISBN 978 0 7176 6733 8.

Monitoring procedures: Use methods described in European Standards.

8.2. Exposure controls

Mandatory general regulations on occupational health. Do not allow to exceed the normative concentrations of hazardous constituents in the workplace. After work, wash and clean the surface of the body and clothing. Do not eat, drink, smoke or take drugs at work.

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Take off immediately all contaminated clothing and wash it before reuse. Wash hands and face before break and after working with the product. Provide adequate ventilation in the workplace with the product.

Eye/face protection: It is recommended to use appropriate safety glasses when working with the product (according to EN 166).

Skin Protection: Use appropriate polyethylene protective gloves when handling the product (according to EN 374). It is recommended to wear protective clothing when working with the product.

Respiratory protection: It is usually not required if the work is done in well-ventilated rooms.

Thermal Hazards: Usually is not required.

The personal protective equipment used should meet the requirements of Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment. The employer must provide personal protective equipment appropriate to the type of work and meeting all requirements, including maintenance and cleaning.

Concentrations of hazardous substances in the workplace should be monitored in accordance with acknowledged test methods. Mode, method, type and frequency of testing and measurement of harmful factors in the working environment should meet the requirements of local/regional/national laws.

Environmental exposure controls: The large amount of product should not be allowed to penetrate through the ground water, sewage, waste water or soil.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Black
Odour:	Irritating
Melting point/freezing point:	Not specified
Boiling point or initial boiling point and boiling range:	>190 °C
Flammability:	Not specified
Lower and upper explosion limit:	Not specified
Flash point:	115 °C
Auto-ignition temperature:	Not specified
Decomposition temperature:	Not specified
pH:	Not specified
Kinematic viscosity:	Not specified
Solubility:	Insoluble in water
Partition coefficient n-octanol/water (log value):	Not specified
Vapour pressure:	1 Pa (25 °C)
Density and/or relative density:	0.9 – 1.1 (water = 1)
Relative vapour density:	4.5 (air =1)
Particle characteristics:	Not applicable

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9.2. Other information

9.2.1. Information with regard to physical hazard classes

Not specified.

9.2.2. Other safety characteristics

Not specified.

SECTION 10: Stability and reactivity

10.1. Reactivity

It can react with water, alcohols, amines and alkalis.

10.2. Chemical stability

Stable under normal conditions of storage.

10.3. Possibility of hazardous reactions

Under the influence of moisture, polymerization of the product may occur.

10.4. Conditions to avoid

Protect from moisture. Avoid sources of heat, ignition and open flames. Avoid direct contact with UV light.

10.5. Incompatible materials

Water, alcohols, amines, alkalis.

10.6. Hazardous decomposition products

None under normal conditions of use and storage.

SECTION 11: Toxicological information

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

Acute toxicity: Based on available data, the classification criteria are not met.

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/irritation: Causes serious eye irritation.

Respiratory or skin sensitization: Based on available data, the classification criteria are not met.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT - single exposure: May cause respiratory irritation.

STOT - repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Not specified.

11.2.2. Other information

Inhalation: May cause respiratory irritation. May have narcotic effects. May cause dizziness, headache and vomiting. Prolonged and repeated exposure to vapors may cause asthma symptoms.

Eye contact: Causes serious eye irritation. Bonds eyes in seconds.

Skin contact: Causes skin irritation. Bonds skin in seconds.

Ingestion: May cause irritation to the digestive system.

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SECTION 12: Ecological information

12.1. Toxicity

Does not meet the criteria of classification as posing an environmental hazard.

12.2. Persistence and degradability

Not specified.

12.3. Bioaccumulative potential

Not specified.

12.4. Mobility in soil

Not specified.

12.5. Results of PBT and vPvB assessment

Not specified.

12.6. Endocrine disrupting properties

Not specified.

12.7. Other adverse effects

Not specified.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

During removal of waste comply with the regional/national laws.

Community legislation:

- Directive **2008/98/EC** of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.
- European Parliament and Council Directive **94/62/EC** of 20 December 1994 on packaging and packaging waste as amended.

Disposal methods for the product: Do not introduce into the environment. Disposal in accordance with the local/national legislation.

Disposal methods for used packing: Product and containers give for appropriate rubbish dump or for disposal in accordance with the local/national legislation.

The waste code is assigned according to the source of the waste, so the end user should, taking into account the specific conditions of use of the product, define the waste and assign the correct code in accordance with applicable regulations.

SECTION 14: Transport information

	ADR	RID	ADN	IMDG	ICAO TI
14.1. UN number or ID number	Not specified				
14.2. UN proper shipping name	Not specified				
14.3. Transport hazard class(es)	Not specified				
14.4. Packing group	Not specified				
14.5. Environmental hazards	Does not meet the criteria of classification as posing an environmental hazard.				
14.6. Special precautions for user	During cargo handling use personal protective equipment - see Section 8.				
14.7. Maritime transport in bulk	Not applicable				

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according to IMO instruments		

SECTION 15: Regulatory information

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

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC as amended.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 as amended.

Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.

European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.

Commission directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Commission directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.

Commission directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.

Commission directive (EU) 2017/164 of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

Commission Directive (EU) 2019/1831 of 24 October 2019 establishing a fifth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

SECTION 16: Other information

The full text of H-statements from Sections 2 and 3:

H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

H335 - May cause respiratory irritation.

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Key to abbreviations and acronyms:

ADN – The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.

ADR - The European Agreement on the International Carriage of Dangerous Goods by Road.

BLV - Biological Limit Value.

Eye Irrit. 2 - Serious eye damage/eye irritation, Hazard Category 2.

ICAO TI - Technical instructions for the safe transport of hazardous materials by air.

IMDG - International Maritime Dangerous Goods Codex.

LD₅₀ - Median lethal dose.

PBT - Persistent, bioaccumulative and toxic.

RID - The Regulation concerning the International Carriage of Dangerous Goods by Rail.

Skin Irrit. 2 - Skin corrosion/irritation, Hazard Category 2.

STEL - Short-Term Exposure Limit.

STOT SE 3 - Specific target organ toxicity - Single exposure, Hazard Category 3, Respiratory tract irritation.

TWA - Time Weighted Average.

vPvB - Very persistent and very bioaccumulative.

Sources of key data:

Producer's SDS from 15.04.2016.

Information provided electronically by the supplier.

European Chemicals Agency database.

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

Eye Irrit. 2; H319

Skin Irrit. 2; H315

STOT SE 3; H335

Classification procedure:

Calculation method

Calculation method

Specific Concentration Limits (CLP)

Training advice: Before use read the SDS.

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are also treated as aid to safety in transport, storage and usage of the product. This does not free the user from the responsibility of improper usage of the information above also of improper compliance with the law norms in the field.

Prepared by ISOTOP s.c. Consulting Company; **www.isotop.pl**; e-mail: **reach@isotop.pl**

This SDS replaces and annuls all the previous versions.