

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 07.03.2024

Version number 1

Revision: 21.02.2024

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**Trade name: **ONEBOND ULTRA GLUE CYANOACRYLATE MEDIUM VISCOSITY (793)**

Safety data sheet no.: 2199GL001_3

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

The product is intended for industrial or professional use.

Life cycle stages PW Widespread use by professional workers

Sector of Use

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

SU6a Manufacture of wood and wood products

SU17 General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment

Product category PC1 Adhesives, sealants

Process category

PROC3 Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition

PROC9 Transfer of substance or mixture into small containers (dedicated filling line, including weighing)

Environmental release category

ERC8c Widespread use leading to inclusion into/onto article (indoor)

ERC8f Widespread use leading to inclusion into/onto article (outdoor)

Application of the substance / the mixture Adhesive

1.3 Details of the supplier of the safety data sheet**Manufacturer/Supplier:**

Saint-Gobain Surface Solutions

251 rue de l'Ambassadeur

78700 Conflans, France

+33 1 34 90 41 40

Onebond.support@Saint-Gobain.com

1.4 Emergency telephone number: +33 1 34 90 41 40

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H335 May cause respiratory irritation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

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Hazard pictograms



GHS07

Signal word Warning

Hazard-determining components of labelling:

ethyl 2-cyanoacrylate

Hazard statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves / eye protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

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

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Does not contain PBT substances.

vPvB: Does not contain vPvB substances.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture consisting of the following components.

Dangerous components:

CAS: 7085-85-0	ethyl 2-cyanoacrylate	50-100%
EINECS: 230-391-5	⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	
Index number: 607-236-00-9		
Reg.nr.: 01-2119527766-29-xxxx	Specific concentration limit: STOT SE 3; H335: C ≥ 10 %	

SVHC Void

Additional information For the wording of the listed hazard phrases refer to section 16.

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

Never administer anything by mouth to an unconscious person.

If unconscious, place the patient in a stable side position and consult a doctor

After inhalation Supply fresh air; consult doctor in case of complaints.

After skin contact

Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. NEVER use solvents or thinners.

After eye contact

Remove contact lenses, if present and if it is easy to do. Wash eyes with plenty of clean and lukewarm water for at least 5 minutes while pulling eyelids up, and seek medical assistance. Don't let the person to rub the affected eye.

Eye irrigation should continue during transport to the emergency department.

After swallowing

Rinse mouth. DO NOT induce vomiting. If symptoms persist consult a doctor.

Ensure that breathing passages are not obstructed. The product will polymerise immediately in the mouth, making it almost impossible to swallow. Saliva will slowly separate the solidified product from the mouth (several hours).

4.2 Most important symptoms and effects, both acute and delayed

Irritant product, repeated or prolonged contact with skin or mucous membranes can cause redness, blisters or dermatitis, inhalation of spray mist or particles in suspension may cause irritation of the respiratory tract, some symptoms may not be immediate

Allergies may occur for predisposed subjects.

See Section 11 for more detailed information on health effects and symptoms.

4.3 Indication of any immediate medical attention and special treatment needed

Suitable emergency eye wash facility must be available when handling this product.

SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing agents**

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents Water with full jet

5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Carbon oxides (CO_x)

Nitrogen oxides (NO_x)

Formaldehyde (CH₂O)

5.3 Advice for firefighters

Protective equipment: Do not inhale explosion gases or combustion gases.

Additional information

The following fire precautions are recommended: Ensure adequate fire-fighting equipment is to hand and that there are sufficient fire exits, which are kept clear at all times. If there is an outbreak of fire, the Fire Brigade should be called immediately and advised that EPS is involved. The area should be evacuated by all personnel, except those fighting the fire.

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

Avoid contact with skin and eyes.

Avoid inhalation of vapors.

Contaminated protective equipment should be cleaned (by washing).

6.2 Environmental precautions: Prevent seepage into sewage system, workpits and cellars.**6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation.

6.4 Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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

Keep receptacles tightly sealed.

Open and handle receptacle with care.

Prevent formation of aerosols.

Ensure good ventilation/exhaustion at the workplace.

Avoid contact with skin and eyes.

Do not breath vapours.

Information about fire - and explosion protection: No special measures required.**7.2 Conditions for safe storage, including any incompatibilities****Storage****Requirements to be met by storerooms and receptacles:**

Store only in unopened original receptacles.

Store in a cool location.

The product is not concerned by Directive 2012/18/EU (SEVESO III).

Information about storage in one common storage facility:

Store away from amines.

Store away from water.

Store away from foodstuffs.

Further information about storage conditions:

Protect from humidity and water.

Protect from heat and direct sunlight.

Recommended storage temperature: 5-25°C**7.3 Specific end use(s)** No further relevant information available.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

DNELs		
CAS: 7085-85-0 ethyl 2-cyanoacrylate		
Inhalative	Derived No Effect Level	9.25 mg/m ³ (worker systemic long term value) 9.25 mg/m ³ (consumer systemic long term value) 9.25 mg/m ³ (worker local long term value) 9.25 mg/m ³ (consumer local long term value)

CAS No. / Designation of material / % / Type / Value / Unit	
CAS: 7085-85-0 ethyl 2-cyanoacrylate	
MAK (Germany)	vgl.Abschn.IIb
GV (Denmark)	Short-term value: 20 mg/m ³ , 4 ppm Long-term value: 10 mg/m ³ , 2 ppm
LEP (Spain)	Long-term value: 0.2 ppm
TWA (Italy)	Long-term value: 1 mg/m ³ , 0.2 ppm
VLE (Portugal)	Long-term value: 0.2 ppm Irritação do TRS e cutânea
OEL (Sweden)	Short-term value: 20 mg/m ³ , 4 ppm Long-term value: 10 mg/m ³ , 2 ppm M, S, V
HTP (Finland)	Long-term value: 1 mg/m ³ , 0.2 ppm

8.2 Exposure controls

Appropriate engineering controls No further data; see section 7.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Use a moisturising skin cream after processing the product.

Respiratory protection:

Use suitable respiratory protective device in case of insufficient ventilation.

Short term filter device:

Class A1 gas filter

Hand protection Protective gloves.

Eye/face protection Safety glasses.

Body protection: Protective work clothing.

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SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties****General Information**

Physical state	Fluid
Colour:	Colourless
Odour:	Irritant
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boiling range	>100 °C (DIN)
Flammability	Not applicable.
Lower and upper explosion limit	
Lower:	Not determined.
Upper:	Not determined.
Flash point:	83 °C (DIN ISO 2592)
Auto-ignition temperature:	485 °C (DIN 51794)
Decomposition temperature:	Not determined.
pH	Mixture reacts violently with water.
Viscosity:	
Kinematic viscosity	Not determined.
dynamic at 20 °C:	115 mPas (DIN 53019) Not determined.
Solubility	
Water:	Not miscible or difficult to mix
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure at 20 °C:	0.27 hPa (DIN 51640)
Density and/or relative density	
Density at 20 °C:	1.1 g/cm ³ (DIN 51757)
Relative density	Not determined.
Bulk density:	Not applicable.
Vapour density	Not determined.

9.2 Other information

Appearance:	
Form:	Fluid
Important information on protection of health and environment, and on safety.	
Ignition temperature:	Product is not self-igniting.
Explosive properties:	Product does not present an explosion hazard.
Minimum ignition energy	
Solvent separation test:	Not determined
Change in condition	
Softening point/range	
Oxidising properties	Not determined.
Evaporation rate	Not determined.

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Information with regard to physical hazard classes

Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

SECTION 10: Stability and reactivity**10.1 Reactivity** No further relevant information available.**10.2 Chemical stability** Stable at recommended storage conditions**Thermal decomposition / Conditions to be avoided:**

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

Exothermic polymerisation.

Reacts with alkali, amines and strong acids

10.4 Conditions to avoid

Avoid heat, sparkles, naked flame or other sources of ignition.

Avoid water ingress/moisture during storage (the product will react with moisture and harden).

Keep away from heat sources.

10.5 Incompatible materials:

Amines, bases, reducing agents, reactive metals (sodium, calcium, zinc, etc.), materials reacting with hydroxyl groups, organic acids (citric, acetic, etc.), mineral acids, sodium hypochlorite, oxidizing agents.

10.6 Hazardous decomposition products:

Formaldehyde (small quantities)

Carbon monoxide and carbon dioxide

Nitrogen oxides (NO_x)**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.

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LD/LC50 values relevant for classification:

Components	Type	Value	Species
CAS: 7085-85-0 ethyl 2-cyanoacrylate			
Oral	LD50	>5,000 mg/kg	(Rat)
Dermal	LD50	>2,000 mg/kg	(Rabbit)

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/irritation Causes serious eye irritation.

Respiratory or skin sensitisation 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

Endocrine disrupting properties
None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: Not classified as harmful to aquatic life

12.2 Persistence and degradability No further relevant information available.

Method
CAS: 7085-85-0 ethyl 2-cyanoacrylate
Biod. (28 days) 98 % (Biodegradation)

12.3 Bioaccumulative potential

CAS: 7085-85-0 ethyl 2-cyanoacrylate
EBAB 0.776 log Pow

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Does not contain PBT substances.

vPvB: Does not contain vPvB substances.

12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects

Additional ecological information:

General notes: Do not allow product to reach ground water, water course or sewage system.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation. Follow the provisions of Directive 2008/98/EC regarding waste management.

Must not be disposed together with household garbage. Do not allow product to reach sewage system. Unused product and its packaging must be disposed of as hazardous waste.

European waste catalogue

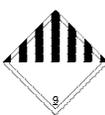
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09
HP4	Irritant - skin irritation and eye damage
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity

Uncleaned packaging:

Recommendation:

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

SECTION 14: Transport information

14.1 UN number or ID number ADR, IMDG IATA	Void UN3334
14.2 UN proper shipping name ADR, IMDG IATA	Void Aviation regulated liquid, n.o.s.
14.3 Transport hazard class(es) ADR, ADN, IMDG Class	Void
IATA 	
Class Label	9 Miscellaneous dangerous substances and articles. 9
14.4 Packing group ADR, IMDG IATA	Void III
14.5 Environmental hazards:	Not applicable.
14.6 Special precautions for user	Not applicable.

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14.7 Maritime transport in bulk according to IMO instruments Not applicable.

Transport/Additional information:

IATA

Remarks: [7085-85-0 Ethyl 2-Cyanoacrylate]

UN "Model Regulation": Void

SECTION 15: Regulatory information

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

Regulation (EC) No 1907/2006 (REACH) (Candidate List, Annexes XIV and XVII)

Regulation (EC) No 1272/2008 (CLP)

Regulation (EU) 2020/878 (amending REACH Annex II on the compilation of safety data sheets)

Labelling according to Regulation (EC) No 1272/2008 cf. section 2

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

REGULATION (EU) 2019/1148

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

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Relevant phrases

The following list of relevant hazard statements is the full text of hazard statements mentioned elsewhere in this safety data sheet (in particular in the section 3) and is reported as required by the Regulation (EC) No 1907/2006 (REACH), Annex II, and the following amendments (Regulation (EU) 2020/878). The statements mentioned here do not refer to the product itself, but refer to the individual ingredients in the products, and are provided for information.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Classification according to Regulation (EC) No 1272/2008

Skin corrosion/irritation

Serious eye damage/irritation

Specific target organ toxicity (single exposure)

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Department issuing SDS: Quality**Contact:**

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Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern (REACH regulation)

vPvB: very Persistent and very Bioaccumulative

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

*** Data compared to the previous version altered.**

According to Annex II of the REACH regulation, the modified sections in this version of the Safety Data Sheet in comparison with the previous one are marked with asterisks.