

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

1.1. Product identifier

Product form	: Mixture
Trade name	: GLUSHU QUICK PREFIX ADHESIVES 150cc
UFI	: QARC-QU8G-6NJX-YN1D
Product code	: 490101150

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

1.2.1. Relevant identified uses

Main use category	: Professional use
Use of the substance/mixture	: Adhesives, sealants

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Glue-U Adhesives B.V.
Droogdokkeneiland 8
5026 SR Tilburg - Nederland
T 013 - 545 3118
sales@glue-u.com

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Mixtures/Substances: SDS EU > 2015: According to Regulation (EU) 2015/830, 2020/878 (REACH Annex II)

Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 2	H319
Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation	H335
Full text of H-statements: see section 16	

Adverse physicochemical, human health and environmental effects

Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. Cyanoacrylate.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS07

Signal word (CLP)

: Warning

Hazard statements (CLP)

: H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

H335 - May cause respiratory irritation.

Precautionary statements (CLP)

: P261 - Avoid breathing dust, fume, gas, mist, spray, vapours.

P271 - Use only outdoors or in a well-ventilated area.

P280 - Wear protective clothing, eye protection, face protection, face protection, protective

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	gloves. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 - Call a POISON CENTER, doctor if you feel unwell.
EUH-statements	: EUH202 - Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

2.3. Other hazards

Other hazards which do not result in classification : The product does not meet the PBT and vPvB classification criteria.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

SECTION 3: Composition/information on ingredients

3.1. Substances

No data available

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
ethyl 2-cyanoacrylate	CAS-No.: 7085-85-0 EC-No.: 230-391-5 EC Index-No.: 607-236-00-9 REACH-no: 01-2119527766-29	> 90	Eye Irrit. 2, H319 STOT SE 3, H335 Skin Irrit. 2, H315

Specific concentration limits

Name	Product identifier	Specific concentration limits
ethyl 2-cyanoacrylate	CAS-No.: 7085-85-0 EC-No.: 230-391-5 EC Index-No.: 607-236-00-9 REACH-no: 01-2119527766-29	(10 ≤C ≤ 100) STOT SE 3, H335

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Allow affected person to breathe fresh air. Move the affected person away from the contaminated area. Move, if possible without risk to your own safety. Get medical advice/attention.
First-aid measures after skin contact	: Remove contaminated clothing and shoes. Do not remove clothing if it sticks to the skin. Wash immediately with plenty of soap and water.
First-aid measures after eye contact	: Immediately flush eyes thoroughly with water for at least 15 minutes. Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth out with water. Get medical advice/attention.

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

Symptoms/effects	: Immediate effects can be expected after short-term exposure.
Symptoms/effects after inhalation	: May cause shortness of breath, tightness of the chest, a sore throat and cough.

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Symptoms/effects after skin contact	: Skin irritation and erythema.
Symptoms/effects after eye contact	: Redness. Eye irritation. Abundant tears.
Symptoms/effects after ingestion	: Red spots and pain in the mouth and throat.

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

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Coordinate fire-fighting equipment to the environment. Cool containers / tanks with spray water if possible.
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5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	: Toxic vapours.
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5.3. Advice for firefighters

Protection during firefighting	: Self-contained breathing apparatus. Complete protective clothing.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment	: Concerning personal protective equipment to use, see section 8.
Emergency procedures	: Stay out of the wind. Keep unprotected people away. Mark roads and warn other road users and passers-by. Keep public away. Stop the leak. Turn leaking containers leak-side up to prevent the escape of liquid.

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Do not discharge into drains or rivers. Dam up the solid spill.

6.3. Methods and material for containment and cleaning up

For containment	: Absorb spilled material with sand or earth.
Methods for cleaning up	: Shovel into suitable and closed container for disposal.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Avoid all contact with skin, eyes, or clothing. Provide adequate ventilation. Do not manipulate the product in a confined space. Avoid the formation and / or spread of mist in the air.
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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Keep container tightly closed in a cool place. Store in a well-ventilated place. Protect from moisture.
Incompatible materials	: Humid air, water. Strong acids, strong oxidants.
Heat and ignition sources	: Protect from heat and direct sunlight.
Special rules on packaging	: Polyethylene.

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7.3. Specific end use(s)

No additional information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. National occupational exposure and biological limit values

No additional information available

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

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DNEL/DMEL (Workers)	
Acute - systemic effects, inhalation	9.25 mg/m ³ Evaluation of WHO CICAD 36
Long-term - systemic effects, inhalation	9.25 mg/m ³ Evaluation of WHO CICAD 36
DNEL/DMEL (General population)	
Long-term - local effects, inhalation	9.25 mg/m ³ Evaluation of WHO CICAD 36

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure that there is a suitable ventilation system.

8.2.2. Personal protection equipment

8.2.2.1. Eye and face protection

Eye protection:

Chemical goggles or safety glasses. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure

8.2.2.2. Skin protection

Skin and body protection:

Use chemically protective clothing. Long sleeved protective clothing. Avoid contact with skin, eyes and clothing. Completely skin-covering anti-static, chemical and oil resistant clothing

Hand protection:

Wear suitable gloves resistant to chemical penetration. Chemical resistant gloves (according to European standard EN 374 or equivalent). Check leak tightness / impermeability prior to use. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Consult supplier for specific recommendations. Nitrile-rubber protective gloves. Layer thickness : 0,38 mm. The penetration time of the mentioned glove material >30 - < 60 minutes

8.2.2.3. Respiratory protection

Respiratory protection:

Self contained breathing apparatus, in case of emergency

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

No additional information available

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless.
Odour	: Characteristic.
Odour threshold	: Not available
Melting point	: No data available
Freezing point	: Not available
Boiling point	: > 149 °C
Flammability	: Not available
Oxidising properties	: No data available.
Explosive limits	: Not available
Lower explosive limit (LEL)	: Not available
Upper explosive limit (UEL)	: Not available
Flash point	: 80 – 93.4 °C
Auto-ignition temperature	: 450 °C
Decomposition temperature	: Not available
pH	: Not applicable
Viscosity, kinematic	: 1700 – 2100 cone and plate (25°C)
Solubility	: Reacts with water. Soluble in acetone.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Vapour pressure	: < 700 mbar
Vapour pressure at 50 °C	: Not available
Density	: Not available
Relative density	: 1.05
Relative vapour density at 20 °C	: Not available
Particle size	: No data available
Particle size distribution	: No data available
Particle shape	: No data available
Particle aspect ratio	: No data available
Particle aggregation state	: No data available
Particle agglomeration state	: No data available
Particle specific surface area	: No data available
Particle dustiness	: No data available

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

Relative evaporation rate (butylacetate=1)	: No data available
VOC content	: < 20 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

No hazardous reactions under normal transport or storage conditions. Decomposition may occur when exposed to conditions below or materials listed.

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10.4. Conditions to avoid

Do not allow water (or moist air) contact with this material. Do not expose to heat.

10.5. Incompatible materials

Water. Strong oxidizing agents. Strong acids.

10.6. Hazardous decomposition products

On burning: release of (highly) toxic gases/vapours.

SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

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LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

ethyl 2-cyanoacrylate (7085-85-0)

LD50 oral rat	> 5000 mg/kg
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Skin corrosion/irritation : Causes skin irritation.
pH: Not applicable
Serious eye damage/irritation : Causes serious eye irritation.
pH: Not applicable
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : May cause respiratory irritation.

ethyl 2-cyanoacrylate (7085-85-0)

STOT-single exposure	May cause respiratory irritation.
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STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

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Viscosity, kinematic	1700 – 2100 cone and plate (25°C)
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11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : No data available.
Hazardous to the aquatic environment, short-term (acute) : Not classified
Hazardous to the aquatic environment, long-term (chronic) : Not classified

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12.2. Persistence and degradability

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Persistence and degradability	Product is biodegradable.
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12.3. Bioaccumulative potential

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Partition coefficient n-octanol/water (Log Pow)	No data available
Bioaccumulative potential	not bioaccumulable.

12.4. Mobility in soil

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Mobility in soil	Adsorbs into the soil
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12.5. Results of PBT and vPvB assessment

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Results of PBT assessment	The product does not meet the PBT and vPvB classification criteria
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12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

Other adverse effects : Negligible ecotoxicity

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods	: Disposal of this packaging should at all times comply with the waste disposal legislation and any regional local authority requirements.
European List of Waste (LoW) code	: 08 04 09* - waste adhesives and sealants containing organic solvents or other dangerous substances

SECTION 14: Transport information

In accordance with ADR

ADR	
NOT SUBJECT	
14.1. UN number or ID number	UN 3334
14.2. UN proper shipping name	Aviation regulated liquid, n.o.s. ((ETHYL 2-CYANOACRYLATE))
14.3. Transport hazard class(es)	9
14.4. Packing group	III

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ADR

14.5. Environmental hazards

Dangerous for the environment: No

No supplementary information available

14.6. Special precautions for user

Special transport precautions : No special precautions

Overland transport

No data available

14.7. Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

EU restriction list (REACH Annex XVII)

Reference code	Applicable on	Entry title or description
3(b)	GLUSHU QUICK PREFIX ADHESIVES 150cc ; ethyl 2-cyanoacrylate	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

VOC content : < 20 g/l

15.1.2. National regulations

France

Occupational diseases

Code	Description: Cleaning agent
RG 66	Occupational rhinitis and asthma

Germany

Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG)
: Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG)
Water hazard class (WGK) : WGK: 1, Slightly hazardous to water (Classification according to AwSV, Annex 1)
Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed
SZW-lijst van mutagene stoffen : None of the components are listed
SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed
SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

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Switzerland

Storage class (LK)

: LK 1 - Explosives

15.2. Chemical safety assessment

No data available

SECTION 16: Other information

Indication of changes:

This sheet has been revised completely (changes were not marked).

Abbreviations and acronyms	
CAS-No.	Chemical Abstract Service number
ATE	Acute Toxicity Estimate
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EN	European Standard
LC50	Median lethal concentration
LD50	Dose leading to death in 50% of a test population (median lethal dose)
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
SDS	Safety Data Sheet
VOC	Volatile Organic Compounds
vPvB	Very Persistent and Very Bioaccumulative

Data sources

: This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. Information from our suppliers, such as data from "Registered Substances Database" of the European Chemicals Agency (ECHA) is used to compile the safety data sheet. Classification procedure: . Health and Environmental Hazards: The method for classifying mixtures based on the components of the mixture (sum formula). Physical and Chemical Properties: Classification is based on the results of the mixtures tested.

Other information

: **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of H- and EUH-statements	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2

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Full text of H- and EUH-statements	
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
EUH202	Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

Safety Data Sheet (SDS), EU

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