

SAFETY DATA SHEET

According to the Committee's Regulation (EU) 1272/2008

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

1.1. Product identifier:

Trade name Super Glue

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

Relevant identified uses gluing metal, glass, rubber and some plastics.

Uses advised against -

1.3. Details of the supplier of the safety data sheet

Zakłady Chemiczne „ANSER” Sp. z o.o.

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ph.: +48 22 663 70 73, fax: +48 22 669 01 22

E-mail address of the person responsible for the safety data sheet: reach@anser.pl

1.4. Emergency telephone number:

112 (24h)

SECTION 2: Hazards identification

The mixture is classified as hazardous according to the Regulation of the European Council 1272/2008: STOT SE 3; H335, Skin Irrit. 2; H315, Eye Irrit. 2; H319

Harmful effects for human health

Irritating to the eyes, respiratory tract and skin. In a matter of seconds, the product may glue skin and eyelids.

Harmful effects for the environment

Unknown.

Harmful effects related to physical-and-chemical properties

Product is flammable. While it is burning, harmful fumes and gases get released.

2.2. Elements of labelling

Warning symbols and signs:



Warning

Expressions indicating the type of hazard (H):

H335 - May cause respiratory irritation.

H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

Expressions indicating safety measures (P):

P102 - Keep out of reach of children.

P262 – Do not get in eyes, on skin, or on clothing.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Other:

Contains: Low-boiling petroleum fraction treated with hydrogen.

2.3. Other hazards

The substances contained in the mixture do not meet the criteria PBT and vPvB pursuant to schedule XIII of the REACH Directive.

Other:

Cyanoacrylates. Danger. Glues skin and eyelids in a matter of seconds. Keep away from children.

2.3. Other hazards

Substances contained in the mixture do not meet PBT and vPvB criteria in line with schedule 13th of the Regulation REACH.

SECTION 3: Composition/information on ingredients

Name	Content % mass	Identifying numbers of substances	Classification acc. to Regulation (EC) 1272/2008
2-ethylcyanoacrylate	>70	CAS: 7085-85-0 WE: 230-391-5 Index number: 607-236-00-9	Eye Irrit. 2; H319 STOT SE 3; H335 Skin Irrit. 2; H315

The full wording of expressions describing hazard is given in sec. 16.

Numbers of appropriate registration: not available.

4.1. Description of first aid measures

In case of exposure via respiratory tract

- Leave exposure area (or take the injured out of the exposure area).
- Assure peace and quite to the injured as well as access to fresh air.
- In case of breath arrest, give artificial respiration.
- Assure medical assistance if any adverse symptoms occur.

In case of exposure through contact with the skin

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- Take off soiled clothing.
 - Wash the fingers glued, carefully separate under a stream of warm water.
 - Do not remove the remnants of cross-linked glue from fingers forcefully but use the doctor's assistance.

In case of exposure through contact with the eyes

- Remove contact lenses.
- Do not use neutralizing preparations.
- Wash with plenty of cool water for about 15 minutes with the lids open (avoid strong water stream due to the risk of damaging the cornea mechanically)
- Consultation with an oculist is necessary.

In case of exposure via alimentary tract

- Do not provoke vomiting.
- Do not give anything to drink.
- Assure medical assistance immediately.

4.2. The most important acute and delayed symptoms and effects of exposure

The product glues skin permanently in a matter of seconds. It may glue eyelids.

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

Decision as to the rescue procedure shall be taken by the doctor after careful examination of the condition of the injured.

SECTION 5: Fire-fighting measures.

Proceed in line with the Fire Safety Instruction, if the recipient does not have one, the persons on the site shall be notified about the failure. All persons not participating in repairing the failure shall be removed from the area at risk. Evacuation shall be ordered if needed. Minor fires shall be put out with extinguishers on hand, in case of major fires, State Fire Service and the Police shall be notified.

5.1. Extinguishing media

Appropriate extinguishing media: extinguishing powders and foams, carbon dioxide, water – dispersed jets.

Inappropriate extinguishing media: strong water jets.

5.2. Special risks related to the mixture

The product is flammable. While burning it releases carbon oxides and nitric compounds.

5.3. Information for the fire services

The use of protective clothing with an independent breathing apparatus is recommended.

SECTION 6: Proceeding in the event of accidental release to the environment

6.1. Personal precautions, protective equipment and emergency procedures

For persons not belonging to the personnel giving assistance

Limit access of outsiders to the emergency area until appropriate cleaning procedures have been completed. Do not inhale vapours. Avoid contact with the skin and eyes, the product glues skin in a matter of seconds. Use personal protection means.

For persons giving assistance

Do not inhale vapours. Avoid contact with skin and eyes. Assure effective ventilation of the room where unintentional release occurred. If necessary, use personal protection means.

6.3. Precautions related to environment protection

Do not let the product get to the sewage system, ground or surface waters.

6.4. Methods and materials preventing the spread of contamination and aimed at removing contamination

- Protect drains.

- If possible, remove leakage (cut off liquid, place damaged packaging in a sealed protective container).

In the event of a major leakage, the spot where liquid gathers shall be protected with an embankment, collected liquid shall be pumped out. Small volumes of spilled liquid shall be covered with a layer of non-flammable absorbing material (sand, soil), collected to a closed container and delivered for recycling or neutralization to competent units. Contaminated area shall be washed with water.

6.4. References to other sections

Personal protection means – section 8.

Waste shall be removed in line with the binding law provisions – section 13.

SECTION 7: Mixture handling and storage

7.1. Precautions for safe handling

During usage observe basic principles of hygiene of work with chemical products: do not eat or drink, avoid contact with the product, inhaling dust, contaminating eyes and skin. Avoid inhaling vapours. During breaks at work wash hands. Do not use clothing contaminated with the product. Assure effective ventilation so as not to exceed highest allowed concentrations of hazardous factors above allowed limits (see section 8). Stay cautious: the product glues skin and eyelids in a matter of seconds!

7.2. Conditions of safe storage including information on any mutual nonconformities

Store in original appropriately marked and tightly closed packaging in dry locations not longer than 12 months from production date. Protect from dampness and light. Refrigerating at + 4°C lengthens the glue's life.

Additional information n section 10.

7.3. Specific end uses

None.

SECTION 8: Exposure controls/personal protection means

8.1. Control parameters

Allowed concentration in working environment: no data for the product. Below data are stated for its ingredients.

<i>Name of the substance</i>	<i>NDS</i> <i>[mg/m³]</i>	<i>NDSch</i> <i>[mg/m³]</i>	<i>NDSP [mg/m³]</i>
2 -ethylcyanoacrylate	1	2	-

(Regulation of the Labour and Social Policy Minister of November 29th 2002 on the highest allowed concentrations and intensities of agents hazardous for the health in work environment, Journal of Laws 2002 No 217 item 1833 as amended).

The Regulation of the Minister of Health of February 2, 20011 on inspecting and measuring agents posing a health hazard in a work environment (Journal of Laws of 2011 No. 33, item 166).

8.2. Exposure control

Applied technical protection measures

Information provided in section 7.

Personal protection measures:

Eyes or face protection: protective glasses or goggles.

- hand protection: protective gloves.

Respiratory protection: at risk of exposure use masks with organic vapours absorbers (type A).

Thermal risks: does not apply.

Environment exposure protection

Mixture shall not access ground waters, sewage or soil.

SECTION 9. Physical and chemical properties.

9.1. Information about general physical and chemical properties

- Form transparent liquid
- Odour characteristic, irritating
- Odour threshold no data
- pH no data
- Melting/solidification point no data
- Boiling temperature 36^oC
- Flash point >81^oC
- Evaporation rate does not apply
- Flammability (of solid substance, gas) does not apply
- Lower explosive/combustion limit no data
- Upper explosive/combustion limit no data
- Vapour pressure does not apply
- Vapour density does not apply

• Density	1.1 g/cm ³
• Solubility in water	not soluble in water
• Partition coefficient: n-octanol/water	no data
• Self-ignition temperature	no data
• Decomposition temperature	no data
• Viscosity (20 ⁰ C, Brookfield's method)	no data
• Explosive properties	no data
• Oxidizing properties	no data

9.2. Other information

No data.

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is not reactive under normal conditions.

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Unknown.

10.4. Conditions to avoid

High temperature, water.

10.5. Incompatible materials

Strong oxidizers, basic chemical compounds.

10.6. Hazardous decomposition products

Unknown.

SECTION 11: Toxicological information.

11.1. Information on toxicological effects

Acute toxicity: no data for the product. Below data are stated for its ingredients:

2-ethylcyanoacrylate

LD50 (rabbit, skin) >2000 mg/kg

LD50 (rat, rabbit) > 5000 mg/kg

Irritating effect: irritating for the eyes, respiratory tract and the skin.

Caustic effect: based on the data available classification criteria are not met.

Allergenic effect: based on the data available classification criteria are not met.

Repeated dose toxicity: based on the data available, classification criteria are not met.

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

Mutagenicity: based on the data available classification criteria are not met.

Toxicity to reproduction: based on the data available, classification criteria are not met.

Information on likely routes of affecting

Swallowing: unknown.

Inhaling: irritating to the respiratory tract.

Skin exposure: irritating to the skin, glues skin in a matter of seconds.

Eye exposure: irritating to the eyes, glues eyelids in a matter of seconds.

Symptoms related to physical, chemical and toxicological properties: no data.

Delayed, immediate and prolonged effects of short- and long-term exposure: no data.

Consequences of mutual effect: no data.

Other information: no data.

SECTION 12: Ecological information.

12.1. Toxicity:

No data for the product and its ingredients.

12.2. Persistence and degradability

No data for the product.

12.3. Bio-accumulative potential

No data for the product.

12.4. Mobility in soil

No data for the product.

12.5. Results of PBT and vPvB assessment

The mixture's ingredients do not fulfil PBT and vPvB criteria.

12.6. Other adverse effects

Unknown.

SECTION 13: Disposal considerations.

13.1. Waste treatment methods

If possible, waste shall be recovered.

Do not allow the contamination of surface and ground waters. In line with the law regulation in force in Poland, waste may be collected, neutralized, recovered or recycled only by authorised companies, and it may be given only to such companies. In case of doubt, waste disposal procedures shall be discussed and agreed with the local Environment Protection Inspection unit.

Removal of mixture: Consider the possibility of putting to use.

Waste code: 08 04 09 – Waste adhesives and sealants containing organic solvents or other hazardous substances.

Disposal of packaging: recycling or neutralization of packaging waste shall be done in line with the binding law regulations. Clean packaging may be disposed of as ordinary packaging waste.

Waste code: 15 01 02 – Plastic packaging.

The following law regulations shall be observed:

The Act of 27 April 2001 on waste (Journal of Laws of 2001 no 62 item 628 as amended).

The Environment Minister Regulation of 27 September 2001 on waste catalogue (Journal of Laws of 2001 no 112, item 1206).

The Act of 11 May 2001 on packaging and packaging waste (Journal of Laws of 2001 no 63, item 638 as amended).

SECTION 14: Transport information.

This product is not subject to regulations on the transport of dangerous goods by road.

SECTION 15: Regulatory information.

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

The Regulation of the Minister of Health of 21 December 2005 on essential requirements for individual protection measures (Journal of Laws of 2005 No. 259, item 2173).

The Act of 25 February 2011 on chemical substances and their mixtures (Journal of Laws of 2011 no. 63 item 322).

The Regulation of the Minister of Health of 20 April 2012 on labelling containers with hazardous substances, preparations and some chemical preparations (Journal of Laws of 2012 No. 0 item 445).

Directive 1999/45/EC of the European Parliament and Council of 31 May 1999 on harmonising the regulatory, executive and administrative provisions of Member States relating to the classification, labelling and packaging of hazardous substances and mixtures.

Regulation (EC) No 1907/2006 of the European Parliament and Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Regulation of the European Parliament and Council (EC) no. 1272/2008 of 16 December 2008 on the classification, labelling and packaging of hazardous substances and mixtures amending and repealing directives 67/548/EEC and 1999/45/EC and amending the directive (EC) no. 1907/2006 (Official Journal EU series L 353 of 31 December 2008 as amended).

Directive of the Committee (EC) no. 790/2009 of 10 August 2009 adjusting the Directive of the European Parliament and Council (EC) no. 1272/2008 of 16 December 2008 on the classification, labelling and packaging of substances and mixtures, to the technical-and-scientific progress.

Regulation of the Committee (EC) no. 453/2010 of 20 May 2010 amending the regulation No. 1906/2006 of the European Parliament and Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

European agreement on international transport of dangerous goods by road ADR (in force since January 1, 2005) (Journal of Laws of 2005, No. 178, item 1481).

The Act of 19 August 2011 on transport of dangerous goods by road (Journal of Laws of 2011 no. 227, item 1367 as amended).

The Regulation of the Minister of Health of June 11, 2012 on the categories of hazardous substances and mixtures, whose packaging shall be equipped with locks preventing children from opening it and warning information sensed by touch (Journal of Laws of 2005 No. 0, item 688).

Regulation of European Chemicals Agency of 10 September 2015 concerning substances of very high concern (SVHC)

15.2. Chemical safety assessment

The producer of the mixture did not provide the evaluation of chemical safety.

SECTION 16: Other information.

Updates

Sections: 1, 8.

The explanation of abbreviations and acronyms used in the safety data sheet

PBT – Persistent, Bio-accumulative, Toxic.

vPvB – very Persistent and very Bio-accumulative.

Eye Irrit 2 – Irritating effect to the eyes of category 2.

H319 – Irritating effect to the eyes.

STOT SE 3 – Toxic effect on target organs – single exposure STOT single exposure of category 3.

H335 – May cause irritation of the respiratory tract.

Skin Irrit. 2 – Irritating effect to the skin of category 2.

H315 – Irritating effect to the skin.

NDS – Highest allowed concentration.

NDSch – Highest allowed momentary concentration.

NDSP – Highest allowed cap concentration.

LD50 - Lethal Dose 50% when you observe the death of 50% of the animals tested.

References to key literature and sources

Safety data sheet of the mixture's ingredients. Data base of the European Commission Joint Research Centre.

Legal regulations.

Recommendations with regard to employee trainings

Prior to commencement of work, the employee shall be trained from within the scope of Work Safety and Hygiene regarding the handling of chemicals and appropriate on the job training.