

Safety Data Sheet

Instant adhesive 12g

Replaces date: 30/01/2019

Revision date: 26/08/2022

Version: 1.1.0

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

1.1. Product identifier

Trade name: Instant adhesive 12g

Unique Formula Identifier (UFI): 4600-K0T8-N003-0VDT

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

Recommended uses: Glue/adhesive

1.3. Details of the supplier of the safety data sheet

Supplier

Company: Kramp UK Ltd
Address: Unit 5
Lancaster Way
Zip code: SG18 8YL
City: Biggleswade
Country: UNITED KINGDOM
E-mail: sales.uk@kramp.com
Phone: +44(0)1767 602 600

1.4. Emergency Telephone Number

Members of the public: 111 (NHS 111 (Scotland: NHS 24)). The emergency telephone is open 24 hours.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: Skin Irrit. 2;H315 Eye Irrit. 2;H319 STOT SE 3;H335

Most serious harmful effects: Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication.

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2.2. Label elements

Pictograms



Signal word:

Warning

Contains

Substance:

ethyl 2-cyanoacrylate

Hazard Statements

H315

Causes skin irritation.

H319

Causes serious eye irritation.

H335

May cause respiratory irritation.

Precautionary statements

P102

Keep out of reach of children.

P261

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

P271

Use only outdoors or in a well-ventilated area.

P302/352

IF ON SKIN: Wash with plenty of soap and water.

P304+340

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+351+338

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

P332+313

If skin irritation occurs: Get medical advice/attention.

P337+313

If eye irritation persists: Get medical advice/attention.

P362

Take off contaminated clothing.

P403+233

Store in a well-ventilated place. Keep container tightly closed.

P405

Store locked up.

P501

Dispose of contents/container in accordance with local regulation.

P264

Wash {0} thoroughly after handling.

Supplemental information

EUH202

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

2.3. Other hazards

The product does not contain any PBT or vPvB substances.

Endocrine disrupting properties: None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| Substance | CAS No./ EC No./ REACH Reg. No. | Concentration | Notes | CLP-classification |
|-----------------------|--|---------------|-------|---|
| ethyl 2-cyanoacrylate | 7085-85-0 230-391-5 01-2119527766-29 | 60 - 99.9 % | | Skin Irrit. 2;H315 Eye Irrit. 2;H319 STOT SE 3;H335 C ≥ 10%: STOT SE 3; H335 |

Please see section 16 for the full text of H- / EUH-phrases.

SECTION 4: First aid measures

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4.1. Description of first aid measures

| | |
|----------------------|--|
| Inhalation: | Seek fresh air. Seek medical advice in case of persistent discomfort. |
| Ingestion: | Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Make sure airways are not obstructed. The product hardens immediately in the mouth and makes swallowing almost impossible. The saliva in the mouth causes the hardened product to loosen slowly (over several hours). Seek medical advice if symptoms persist. |
| Skin contact: | Remove contaminated clothing. Wash skin with soap and water. Do not pull bonded skin apart directly. Soak the skin in warm, soapy water and gently peel apart with the aid of a blunt edge, e.g. a teaspoon handle. Seek medical advice if symptoms persist. |
| Eye contact: | Do not attempt to open eyelids forcibly. Cover with cotton wool soaked in lukewarm water. Seek medical advice. |
| Burns: | Flush with water until pain ceases. Remove clothing that is not stuck to the skin - seek medical advice/transport to hospital. If possible, continue flushing until medical attention is obtained. |
| General: | When obtaining medical advice, show the safety data sheet or label. |

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

Inhalation of vapours is irritating to the upper airways. If ingested, can be irritating to mucous membranes of the mouth and gastrointestinal tract. Irritates mucous membranes in mouth and gastrointestinal tract. Irritating to eyes. Causes a burning sensation and tearing. Irritating to skin - may cause reddening. Causes irritation and sticks to the skin in seconds. The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication.

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

Treat symptoms. No special immediate treatment required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--|--|
| Suitable extinguishing media: | Extinguish with powder, foam or water mist. Use water or water mist to cool non-ignited stock. |
| Unsuitable extinguishing media: | Do not use water stream, as it may spread the fire. |

5.2. Special hazards arising from the substance or mixture

The product decomposes when combusted and the following toxic gases can be formed: Nitrous gases/ Carbon monoxide and carbon dioxide/ Hydrogencyanide.

5.3. Advice for firefighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases - seek fresh air. Wear Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|-------------------------------------|---|
| For non-emergency personnel: | Stay upwind/keep distance from source. Stop leak if this can be done without risk. Wear safety goggles. Wear gloves. Provide good ventilation. Wear respiratory protective equipment. Filter type: A. |
| For emergency responders: | In addition to the above: Protective suit equivalent to EN 368, type 3, is recommended. |

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6.2. Environmental precautions

Notify proper authorities in case of contamination of soil or aquatic environment or discharge to drains.

6.3. Methods and material for containment and cleaning up

In case of spills, douse with water to harden the product. The product can then be scraped off.

6.4. Reference to other sections

See section 8 for type of protective equipment.

See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Work under effective process ventilation (e.g. local exhaust ventilation). Running water and eye wash equipment must be available. Wash hands before breaks, before using restroom facilities, and at the end of work.

7.2. Conditions for safe storage, including any incompatibilities

Store safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Do not expose to heat (e.g. sunlight). Keep in tightly closed original packaging. Store in a dry, cool, well-ventilated area.

7.3. Specific end use(s)

No special uses in addition to identified uses in 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit

| Substance name | Time period | ppm | mg/m ³ | fiber/cm ³ | Remarks | Comments |
|-----------------------|-------------|-----|-------------------|-----------------------|---------|----------|
| ethyl 2-cyanoacrylate | 15m | 0.3 | 1.5 | | | |

Measuring methods: Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

Legal basis: EH40/2005 Workplace exposure limits. Last amended January 2020.

8.2. Exposure controls

Appropriate engineering controls: Wear the personal protective equipment specified below.

Personal protective equipment, eye/face protection: Wear safety goggles. Eye protection must conform to EN 166.

Personal protective equipment, hand protection: Wear gloves. Type of material and thickness: Nitrile rubber. 0,4 mm. Penetration time: 60 min.
The suitability and durability of a glove is dependant on usage, e.g. frequency and duration of contact, glove material thickness, functionality and chemical resistance. Always seek advice from the glove supplier. Gloves must conform to EN 374.

Personal protective equipment, respiratory protection: Wear respiratory protective equipment. Filter type: A. Respiratory protection must conform to one of the following standards: EN 136/140/145.

Environmental exposure controls: Ensure compliance with local regulations for emissions.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| Parameter | Value/unit |
|------------|---|
| State | Liquid |
| Colour | Colourless |
| Odour | Characteristic Prickling |
| Solubility | Partly soluble in the following: Organic solvents. Insoluble in the following: Water. |

| Parameter | Value/unit | Remarks |
|---|-----------------------|---------|
| Odour threshold | No data | |
| Melting point | No data | |
| Freezing point | No data | |
| Initial boiling point and boiling range | > 100 °C | |
| Flammability (solid, gas) | No data | |
| Flammability limits | No data | |
| Explosion limits | No data | |
| Flash Point | 83 °C | |
| Auto-ignition temperature | No data | |
| Decomposition temperature | No data | |
| pH (solution for use) | No data | |
| pH (concentrate) | No data | |
| Kinematic viscosity | ca. 115 mPa*s | 25 °C |
| Viscosity | No data | |
| Partition coefficient n-octanol/water | No data | |
| Vapour pressure | 0.6 mbar | |
| Density | 1,1 g/cm ³ | |
| Relative density | No data | |
| Vapour density | No data | |
| Relative density (sat. air) | No data | |
| Particle characteristics | No data | |

9.2. Other information

| Parameter | Value/unit | Remarks |
|----------------------|------------|----------------|
| Oxidising properties | | Non-oxidising. |

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts under heat generation with the following: Water.

Reacts with the following: Alkalies/ Alcohols/ Strong oxidisers/ Amines.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

Product vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

10.4. Conditions to avoid

Avoid contact with moisture and water. Avoid heating and contact with ignition sources.

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10.5. Incompatible materials

Alkalies/ Alcohols/ Amines/ Strong oxidisers/ Water.

10.6. Hazardous decomposition products

The product decomposes when combusted or heated to high temperatures and the following toxic gases can be formed: Nitrous gases/ Carbon monoxide and carbon dioxide/ Hydrogencyanide.

SECTION 11: Toxicological information

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

Acute toxicity - oral

ethyl 2-cyanoacrylate, cas-no 7085-85-0

| Organism | Test Type | Exposure time | Value | Conclusion | Test method | Source |
|----------|-----------|---------------|--------------|------------|-------------|--------|
| Rat | LD50 | | > 5000 mg/kg | | OECD 401 | |

Based on existing data, the classification criteria are deemed not to have been met. Ingestion is not possible, as the product hardens by contact with moisture.

Acute toxicity - dermal

ethyl 2-cyanoacrylate, cas-no 7085-85-0

| Organism | Test Type | Exposure time | Value | Conclusion | Test method | Source |
|----------|-----------|---------------|--------------|------------|-------------|--------|
| Rabbit | LD50 | | > 2000 mg/kg | | OECD 402 | |

Based on existing data, the classification criteria are deemed not to have been met.

Acute toxicity - inhalation: The product does not have to be classified. Test data are not available.

Skin corrosion/irritation

ethyl 2-cyanoacrylate, cas-no 7085-85-0

| Organism | Test Type | Exposure time | Value | Conclusion | Test method | Source |
|----------|-----------|---------------|-------|------------|-------------|--------|
| | | | | Irritating | | |

Causes irritation and sticks to the skin in seconds.

Serious eye damage/eye irritation

ethyl 2-cyanoacrylate, cas-no 7085-85-0

| Organism | Test Type | Exposure time | Value | Conclusion | Test method | Source |
|----------|-----------|---------------|-------|------------|-------------|--------|
| | | | | Irritating | | |

Causes irritation and sticks to the eyes in seconds.

Respiratory sensitisation or skin sensitisation

ethyl 2-cyanoacrylate, cas-no 7085-85-0

| Organism | Test Type | Exposure time | Value | Conclusion | Test method | Source |
|----------|-----------|---------------|-------|-----------------|-------------|--------|
| | | | | Non-sensitising | | |

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

Germ cell mutagenicity: The product does not have to be classified. Test data are not available.

Carcinogenic properties: The product does not have to be classified. Test data are not available.

Reproductive toxicity: The product does not have to be classified. Test data are not available.

Single STOT exposure: If ingested, can be irritating to mucous membranes of the mouth and gastrointestinal tract.

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The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication.

Repeated STOT exposure: The product does not have to be classified. Test data are not available.

Aspiration hazard: The product does not have to be classified. Test data are not available.

11.2. Information on other hazards

Endocrine disrupting properties: None known.

Other toxicological effects: None known.

SECTION 12: Ecological information

12.1. Toxicity

The product does not have to be classified. Test data are not available.

12.2. Persistence and degradability

The product contains at least one substance which is insoluble in water, and it will therefore form sediments in the aquatic environment. Test data are not available.

12.3. Bioaccumulative potential

No bioaccumulation expected. Test data are not available.

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

12.6. Endocrine disrupting properties

None known.

12.7. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Avoid discharge to drain or surface water.

If this product as supplied becomes a waste, it meets the criteria of a hazardous waste (Dir. 2008/98/EU). Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site. Uncleansed packaging is to be disposed of via the local waste-removal scheme.

Category of waste: EWC code: Depends on line of business and use, for instance 08 04 09* waste adhesives and sealants containing organic solvents or other hazardous substances Wiping cloths with organic solvents: EWC code: 15 02 02 Absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances.

SECTION 14: Transport information

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14.1. UN number or ID number: Not applicable.**14.4. Packing group:**

Not applicable.

14.2. UN proper shipping name: Not applicable.**14.5. Environmental hazards:**

Not applicable.

14.3. Transport hazard class(es): Not applicable.**14.6. Special precautions for user**

None.

14.7. Maritime transport in bulk according to IMO instruments

Not included.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Special Provisions:** None.**15.2. Chemical Safety Assessment****Other Information:** Chemical safety assessment has not been performed.**SECTION 16: Other information****Version history and indication of changes**

| Version | Revision date | Responsible | Changes |
|---------|---------------|------------------------|---------|
| 1.1.0 | 26/08/2022 | Bureau Veritas HSE/SUJ | 1,16 |

Abbreviations:

DNEL: Derived No Effect Level
PBT: Persistent, Bioaccumulative and Toxic
PNEC: Predicted No Effect Concentration
STOT: Specific Target Organ Toxicity
vPvB: Very Persistent and Very Bioaccumulative

Other Information:

This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with Regulation 1907/2006/EC "The Registration, Evaluation and Authorization of Chemicals" as amended by the stationary UK REACH etc. (EU Exit) as subsequently changed.

Training advice:

A thorough knowledge of this safety data sheet should be a prerequisite condition.

List of relevant H-statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

List of relevant EUH-statements

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

SDS is prepared by

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