



APFIX





UNIVERSAL FAST ADHESIVE (Activator&Glue)**1 – DESCRIPTION**

Universal Fast Adhesive is an adhesive set which consists of high viscosity cyanoacrylate adhesive and activator which leads to a rapid bonding experience.

2 – PROPERTIES & Features

- Extremely fast bonding,
- High bonding power,
- Suitable for use on vertical surfaces as it will not drip or slump,
- Particularly suited to bond difficult substrates which have a porous or uneven nature since it increases the bonding strength by preventing the adhesive to be absorbed by the surface.

3 - Fields of Application

- It suitable for bonding of a very wide range of materials, including acidic surfaces and some porous ones, where rapid bonding times are required.
- Suitable for MDF, wood, chip wood, rubber, most plastics, leather and other common substrates.
- Especially suitable for the applications where cure speed needs to be accelerated.
- Universal fast adhesive has a degree of gap filling ability.
- It is generally recommended for use on close-fitting parts and fairly smooth surfaces

4 - Product Information

| | |
|---------------------------|---|
| Packaging | 100 mL+25 g, 200 mL+65 g, 250 mL+65 g, 400 mL+125 g, 500 mL+125 g |
| Shelf Life | 15 months |
| Storage Conditions | Store in cool and dry conditions between +5°C and +25°C |

5 - Technical Data

| Glue | Method / Conditions | Value |
|--------------------------------|----------------------------|--------------------------------|
| Basis | | Ethyl Cyanoacrylate |
| Appearance | | Liquid gel |
| Color | | Colorless |
| Density | ASTM D1875 | 0,01 ± 1,06 gr/cm ³ |
| Flash Point | | >81°C |
| Viscosity | ASTM D1084 | 1800 – 1200 Cps at 25°C |
| Application Temperature | | +5°C to +35°C |
| Temperature Resistance | | -20°C to +70°C |
| Activator | | |
| Basis | | Hexane |
| Appearance | | Aerosol |
| Color | | Colorless |
| Application Temperature | | +5°C to +35°C |
| Temperature Resistance | | -20°C to +70°C |

6 – Directions for Use

Surface preparation and adhesive application;

- A.** Cleaning and joint preparation: Substrates must be sound quality, clean, dry and free of dust, grease, rust and other contaminants which may affect the adhesion.
- B.** Adhesive application: Substrates need to be smooth and have a perfect connection area. Apply the activator on one of the substrates and the gel to the other one. Join the substrates and press firmly for a couple of seconds.
- C.** Cleaning: Wipe off excess glue immediately with a dry cloth. If your skin contacts with the adhesive, wipe off the glue with warm soapy water. Using acetone is the efficient choice but it may create skin sensitivity. Cured glue is going to be peeled out after days by itself even if you do not attempt to clean it. In the event of the product being sprayed into the eyes or mouth, the eyes or mouth must be kept open and rinsed with plenty of water. If necessary, seek medical advice.

7 – Remarks & Restrictions

- Cyanoacrylates should ideally be stored in original sealed containers until used.
- Avoid exposure to strong light and heat sources.
- Cyanoacrylates can bond to skin within seconds.
- Do not drip into skin or into eyes – can cause serious injury to your eyes.
- Will become hard in container if not closed properly.
- Activator is flammable. Do not throw into fire.
- Activator box is pressurized. Do not crush or drill.

8 – Safety

Ensure good ventilation of the work station. Wear personal protective equipment. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Store in a well-ventilated place. Keep cool. Check MSDS guidelines for disposal and further information concerning safety.

DISCLAIMER

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.

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Safety Data Sheet

according to Regulation (EU) 2015/830

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Version: 1.0

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

1.1. Product identifier

| | |
|-----------------|-------------------------------------|
| Product form | : Mixture |
| Trade name | : UNIVERSAL FAST ADHESIVE ACTIVATOR |
| Type of product | Aerosol |
| Vaporizer | Aerosol |
| Product group | : Trade product |

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

1.2.1. Relevant identified uses

Intended for general public

1.2.2. Uses advised against

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]

| | | |
|--|-----------|-----------------------|
| Aerosol, Category 1 | H222;H229 | On basis of test data |
| Skin corrosion/irritation, Category 2 | H315 | Calculation method |
| Reproductive toxicity, Category 2 | H361 | Calculation method |
| Specific target organ toxicity — Single exposure, Category 3, Narcosis | H336 | Calculation method |
| Specific target organ toxicity — Repeated exposure, Category 2 | H373 | Calculation method |
| Hazardous to the aquatic environment — Chronic Hazard, Category 2 | H411 | Calculation method |

Full text of hazard classes and H-statements : see section 16

Adverse physicochemical, human health and environmental effects

Pressurised container: May burst if heated. Extremely flammable aerosol. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. May cause drowsiness or dizziness. Causes skin irritation. Toxic to aquatic life with long lasting effects.

2.2. Label elements

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

Hazard pictograms (CLP) :



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| | |
|--------------------------------|---|
| Signal word (CLP) | : Danger |
| Hazardous ingredients | : n-hexane; Petroleum gases, liquefied, Petroleum gas, [A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C3 through C7 and boiling in the range of approximately -40 °C to 80 °C (-40 °F to 176 °F).] |
| Hazard statements (CLP) | : H222 - Extremely flammable aerosol H229 - Pressurised container: May burst if heated H315 - Causes skin irritation H336 - May cause drowsiness or dizziness H361 - Suspected of damaging fertility or the unborn child H373 - May cause damage to organs through prolonged or repeated exposure H411 - Toxic to aquatic life with long lasting effects |
| Precautionary statements (CLP) | : P102 - Keep out of reach of children P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking P211 - Do not spray on an open flame or other ignition source P251 - Do not pierce or burn, even after use P260 - Do not breathe gas, spray, vapours P271 - Use only outdoors or in a well-ventilated area P273 - Avoid release to the environment P280 - Wear eye protection, face protection, protective clothing, protective gloves P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing P308+P313 - IF exposed or concerned: Get medical advice/attention P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F P501 - Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste |
| Child-resistant fastening | : Not applicable |
| Tactile warning | : Applicable |

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|--|---------|---|
| n-hexane | (CAS No) 110-54-3 (EC no) 203-777-6 (EC index no) 601-037-00-0 | 50 - 70 | Flam. Liq. 2, H225 Repr. 2, H361f Asp. Tox. 1, H304 STOT RE 2, H373 Skin Irrit. 2, H315 STOT SE 3, H336 Aquatic Chronic 2, H411 |
| Petroleum gases, liquefied, Petroleum gas, [A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C3 through C7 and boiling in the range of approximately -40 °C to 80 °C (-40 °F to 176 °F).] (Note K)(Note S)(Note U) | (CAS No) 68476-85-7 (EC no) 270-704-2 (EC index no) 649-202-00-6 | 30 - 40 | Press. Gas Flam. Gas 1, H220 Carc. 1A, H350 Muta. 1B, H340 |
| N,N-dimethyl-p-toluidine (Note C) | (CAS No) 99-97-8 (EC no) 202-805-4 (EC index no) 612-056-00-9 | 0.1 - 1 | Acute Tox. 3 (Inhalation), H331 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Oral), H301 STOT RE 2, H373 Aquatic Chronic 3, H412 |

Specific concentration limits:

| Name | Product identifier | Specific concentration limits |
|----------|--|-------------------------------|
| n-hexane | (CAS No) 110-54-3 (EC no) 203-777-6 (EC index no) 601-037-00-0 | (C >= 5) STOT RE 2, H373 |

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Note C : Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

Note K : The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w 1,3-butadiene (EINECS No 203-450-8). If the substance is not classified as a carcinogen or mutagen, at least the precautionary statements (P102-P210-P403 (Table 3.1) or the S-phrases (2-)9-16 (Table 3.2) should apply. This note applies only to certain complex oil-derived substances in Part 3.

Note S : This substance may not require a label according to Article 17 (see section 1.3 of Annex I) (Table 3.1). This substance may not require a label according to Article 23 of Directive 67/548/EEC (see section 8 of Annex VI to that Directive) (Table 3.2).

Note U : When put on the market gases have to be classified as 'Gases under pressure', in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case.

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|--|
| First-aid measures general | : IF exposed or concerned: Get medical advice/attention. |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. |
| First-aid measures after skin contact | : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention. |
| First-aid measures after eye contact | : Rinse eyes with water as a precaution. |
| First-aid measures after ingestion | : Call a poison center or a doctor if you feel unwell. |

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

| | |
|--------------------------------------|--------------------------------------|
| Symptoms/injuries | : May cause drowsiness or dizziness. |
| Symptoms/injuries after skin contact | : Irritation. |

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|------------------------------|----------------------------------|
| Suitable extinguishing media | : Water spray. Dry powder. Foam. |
|------------------------------|----------------------------------|

5.2. Special hazards arising from the substance or mixture

| | |
|--|---|
| Fire hazard | : Extremely flammable aerosol. |
| Explosion hazard | : Pressurised container: May burst if heated. |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |

5.3. Advice for firefighters

| | |
|--------------------------------|--|
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |
|--------------------------------|--|

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

| | |
|----------------------|--|
| Emergency procedures | : Ventilate spillage area. No open flames, no sparks, and no smoking. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. |
|----------------------|--|

6.1.2. For emergency responders

| | |
|----------------------|---|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
|----------------------|---|

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

| | |
|-------------------------|---|
| For containment | : Collect spillage. |
| Methods for cleaning up | : Recover mechanically the product. Notify authorities if product enters sewers or public waters. |
| Other information | : Dispose of materials or solid residues at an authorized site. |

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6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes.
- Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

7.3. Specific end use(s)

No additional information available

8.0 Exposure controls

- Appropriate engineering controls : Ensure good ventilation of the work station.
- Hand protection : Protective gloves
- Eye protection : Safety glasses
- Skin and body protection : Wear suitable protective clothing
- Respiratory protection : Wear respiratory protection
- Environmental exposure controls : Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Gas
- Appearance : Liquid under pressure.
- Colour : Colourless.
- Odour : characteristic.
- Odour threshold : No data available
- pH : No data available
- Relative evaporation rate (butyl acetate=1) : No data available
- Melting point : No data available
- Freezing point : No data available
- Boiling point : 64 - 72 °C
- Flash point : < 60 °C
- Auto-ignition temperature : No data available
- Decomposition temperature : No data available
- Flammability (solid, gas) : Extremely flammable aerosol
- Vapour pressure : No data available



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| | |
|----------------------------------|---|
| Relative vapour density at 20 °C | : No data available |
| Relative density | : No data available |
| Density | : 0.78 g/cm ³ |
| Solubility | : No data available |
| Log Pow | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive properties | : Pressurised container: May burst if heated. |
| Oxidising properties | : No data available |
| Explosive limits | : No data available |

9.2. Other information

VOC content : 89 %

SECTION 10: Stability and reactivity

10.1. Reactivity

Extremely flammable aerosol. Pressurised container: May burst if heated.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------------------|---------------------------|
| Acute toxicity | : Not classified |
| Skin corrosion/irritation | : Causes skin irritation. |
| Serious eye damage/irritation | : Not classified |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |

| | |
|-----------------------|--|
| Reproductive toxicity | : Suspected of damaging fertility or the unborn child. |
|-----------------------|--|

| | |
|--|--------------------------------------|
| Specific target organ toxicity (single exposure) | : May cause drowsiness or dizziness. |
|--|--------------------------------------|

| | |
|--|--|
| Specific target organ toxicity (repeated exposure) | : May cause damage to organs through prolonged or repeated exposure. |
|--|--|

| | |
|-------------------|------------------|
| Aspiration hazard | : Not classified |
|-------------------|------------------|

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| | |
|-----------|---------|
| Vaporizer | Aerosol |
|-----------|---------|

SECTION 12: Ecological information

12.1. Toxicity

| | |
|-------------------|--|
| Ecology - general | : Toxic to aquatic life with long lasting effects. |
|-------------------|--|

12.2. Persistence and degradability

No additional information available



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12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

14.0 Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : 2.1

Danger labels (ADR) : 2.1



IMDG

Transport hazard class(es) (IMDG) : 2.1

Danger labels (IMDG) : 2.1



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IATA

Transport hazard class(es) (IATA) : 2.1
Hazard labels (IATA) : 2.1



ADN

Transport hazard class(es) (ADN) : 2.1
Danger labels (ADN) : 2.1



RID

Transport hazard class(es) (RID) : 2.1
Danger labels (RID) : 2.1



.14.1 Packing group

Packing group (ADR) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable
Packing group (ADN) : Not applicable
Packing group (RID) : Not applicable

.14.2 Environmental hazards

Dangerous for the environment : Yes
Marine pollutant : Yes
Other information : No supplementary information available

.14.3 Special precautions for user

- Overland transport

Classification code (ADR) : 5F
Special provisions (ADR) : 190, 327, 344, 625
Limited quantities (ADR) : 1I
Excepted quantities (ADR) : E0
Packing instructions (ADR) : P207, LP02
Special packing provisions (ADR) : PP87, RR6, L2
Mixed packing provisions (ADR) : MP9
Transport category (ADR) : 2
Special provisions for carriage - Packages (ADR) : V14



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14.4 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content : 89 %

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

| Full text of H- and EUH-statements: | |
|-------------------------------------|--|
| Acute Tox. 3 (Dermal) | Acute toxicity (dermal), Category 3 |
| Acute Tox. 3 (Inhalation) | Acute toxicity (inhal.), Category 3 |
| Acute Tox. 3 (Oral) | Acute toxicity (oral), Category 3 |
| Aerosol 1 | Aerosol, Category 1 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment — Chronic Hazard, Category 2 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment — Chronic Hazard, Category 3 |
| Asp. Tox. 1 | Aspiration hazard, Category 1 |
| Carc. 1A | Carcinogenicity, Category 1A |
| Flam. Gas 1 | Flammable gases, Category 1 |
| Flam. Liq. 2 | Flammable liquids, Category 2 |
| Muta. 1B | Germ cell mutagenicity, Category 1B |
| Press. Gas | Gases under pressure |
| Repr. 2 | Reproductive toxicity, Category 2 |
| Repr. 2 | Reproductive toxicity, Category 2 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| STOT RE 2 | Specific target organ toxicity — Repeated exposure, Category 2 |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Narcosis |
| H220 | Extremely flammable gas |
| H222 | Extremely flammable aerosol |
| H225 | Highly flammable liquid and vapour |
| H229 | Pressurised container: May burst if heated |
| H301 | Toxic if swallowed |
| H304 | May be fatal if swallowed and enters airways |
| H311 | Toxic in contact with skin |
| H315 | Causes skin irritation |
| H331 | Toxic if inhaled |
| H336 | May cause drowsiness or dizziness |
| H340 | May cause genetic defects |
| H350 | May cause cancer |
| H361 | Suspected of damaging fertility or the unborn child |
| H361f | Suspected of damaging fertility |
| H373 | May cause damage to organs through prolonged or repeated exposure |
| H411 | Toxic to aquatic life with long lasting effects |
| H412 | Harmful to aquatic life with long lasting effects |

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