

**Safety data sheet
according to UK REACH**

Printing date 09.01.2025

Version number 19 (replaces version 18)

Revision: 01.08.2024

**SECTION 1: Identification of the substance/mixture and of the company/
undertaking****· 1.1 Product identifier****· Trade name:** UHU AP FB 20ML*20 EN**· 1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.**· Application of the substance / the mixture** Adhesive**· 1.3 Details of the supplier of the safety data sheet****· Manufacturer/Supplier:**

UHU GmbH & Co.KG

Herrmannstraße 7

D-77815 Bühl (Baden)

Tel.:0049-(0)7223-284-0

E-mail: sds@boltonadhesives.com

Fax: 0049-(0)7223-284-245

· Further information obtainable from: PSRA**· 1.4 Emergency telephone number:**

Tel.: + 49 (0) 30/19240 (Notruf)

Tel.: + 49 (0) 72 23/28 40

England and Wales (NHS Direct) 111

Schottland (NHS 24) 111

SECTION 2: Hazards identification**· 2.1 Classification of the substance or mixture****· Classification according to Regulation (EC) No 1272/2008**

GHS02 flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.



GHS07

STOT SE 3 H336 May cause drowsiness or dizziness.

· 2.2 Label elements**· Labelling according to Regulation (EC) No 1272/2008**

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

· Hazard pictograms

GHS02 GHS07

· Signal word Danger**· Hazard statements**

H225 Highly flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

(Contd. on page 2)

GB

**Safety data sheet
according to UK REACH**

Printing date 09.01.2025

Version number 19 (replaces version 18)

Revision: 01.08.2024

Trade name: UHU AP FB 20ML*20 EN

(Contd. of page 1)

· Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 Avoid breathing vapours.
P501 Dispose of contents/container in accordance with national regulations.

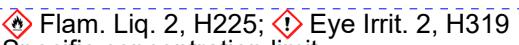
· Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.
Product contains: Reportable explosives precursors. Making available, introduction, possession and use according to Regulation (EU) 2019/1148, Article 9.

· 2.3 Other hazards**· Results of PBT and vPvB assessment**

· **PBT:** Not applicable.
· **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients**· 3.2 Mixtures****Description:** Adhesive**· Dangerous components:**

CAS: 79-20-9 EINECS: 201-185-2 Index number: 607-021-00-X Reg.nr.: 01-2119459211-47-XXXX	methyl acetate  50-100%
CAS: 64-17-5 EINECS: 200-578-6 Index number: 603-002-00-5 Reg.nr.: 01-2119457610-43-XXXX	ethanol  Specific concentration limit: Eye Irrit. 2; H319: C ≥ 50% 2.5-10%
CAS: 67-64-1 EINECS: 200-662-2 Index number: 606-001-00-8 Reg.nr.: 01-2119471330-49-XXXX	Acetone  ≥2.5-<10%

· Additional information: For the wording of the listed hazard phrases refer to section 16.**SECTION 4: First aid measures****· 4.1 Description of first aid measures****· General information:** No special measures required.**· After inhalation:**

Supply fresh air; consult doctor in case of complaints.
No special measures required.

· After skin contact: Generally the product does not irritate the skin.**· After eye contact:** Rinse opened eye for several minutes under running water.**· After swallowing:** If symptoms persist consult doctor.

(Contd. on page 3)

GB

Safety data sheet according to UK REACH

Printing date 09.01.2025

Version number 19 (replaces version 18)

Revision: 01.08.2024

Trade name: UHU AP FB 20ML*20 EN

(Contd. of page 2)

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

No further relevant information available.

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

No further relevant information available.

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**

No further relevant information available.

· 5.3 Advice for firefighters**· Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

· 6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.**· 6.3 Methods and material for containment and cleaning up:**

Send for recovery or disposal in suitable receptacles.

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

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

· Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

· 7.2 Conditions for safe storage, including any incompatibilities**· Storage:****· Requirements to be met by storerooms and receptacles:** Store in a cool location.**· Information about storage in one common storage facility:** Not required.**· Further information about storage conditions:**

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

· Storage class: 3

(Contd. on page 4)

GB

**Safety data sheet
according to UK REACH**

Printing date 09.01.2025

Version number 19 (replaces version 18)

Revision: 01.08.2024

Trade name: UHU AP FB 20ML*20 EN

(Contd. of page 3)

- **7.3 Specific end use(s)** No further relevant information available.

*** SECTION 8: Exposure controls/personal protection****• 8.1 Control parameters****• Ingredients with limit values that require monitoring at the workplace:****79-20-9 methyl acetate**

WEL	Short-term value: 770 mg/m ³ , 250 ppm Long-term value: 616 mg/m ³ , 200 ppm
-----	---

64-17-5 ethanol

WEL	Long-term value: 1920 mg/m ³ , 1000 ppm
-----	--

67-64-1 Acetone

WEL	Short-term value: 3620 mg/m ³ , 1500 ppm Long-term value: 1210 mg/m ³ , 500 ppm
-----	--

• DNELs**79-20-9 methyl acetate**

Oral	Consumer, oral, longterm exposition	21.5 mg/kg bw/day
Dermal	Worker, dermal, longterm exposition	43 mg/kg bw/day
	Consumer, dermal, shortterm exposition	203 mg/kg bw/day
	Consumer, dermal, longterm exposition	21.5 mg/kg bw/day
Inhalative	Worker, inhalative, shortterm exposition	3777 mg/m ³
	Worker, inhalative, longterm exposition	300 mg/m ³
	Consumer DNEL, acute inhalation	3777 mg/m ³
	Consumer, inhalative, longterm exposition	64 mg/m ³

64-17-5 ethanol

Oral	Consumer, oral, longterm exposition	87 mg/kg bw/day
Dermal	Worker, dermal, longterm exposition	343 mg/kg bw/day (rat)
	Consumer, dermal, longterm exposition	206 mg/kg bw/day
Inhalative	Worker, inhalative, shortterm exposition	1900 mg/m ³ (rat)
	Worker, inhalative, longterm exposition	950 mg/m ³ (rat)
	Consumer DNEL, acute inhalation	950 mg/m ³ (rat)
	Consumer, inhalative, longterm exposition	114 mg/m ³

67-64-1 Acetone

Oral	Consumer, oral, longterm exposition	62 mg/kg bw/day
Dermal	Worker, dermal, longterm exposition	186 mg/kg bw/day
	Consumer, dermal, longterm exposition	62 mg/kg bw/day
Inhalative	Worker, inhalative, shortterm exposition	2420 mg/m ³
	Worker, inhalative, longterm exposition	1210 mg/m ³
	Consumer, inhalative, longterm exposition	200 mg/m ³

(Contd. on page 5)

GB

Safety data sheet
according to UK REACH

Printing date 09.01.2025

Version number 19 (replaces version 18)

Revision: 01.08.2024

Trade name: UHU AP FB 20ML*20 EN

(Contd. of page 4)

· PNECs		
79-20-9 methyl acetate		
Oral	Secondary Poisoning	20.4 mg/kg
	Fresh water	0.12 mg/l
	Fresh water sediment	0.128 mg/kg dry weight
	Marine water	0.012 mg/l
	Marine sediment	0.013 mg/kg dry weight
	Soil	0.0416 mg/kg
	Sewage treatment plant	600 mg/l
64-17-5 ethanol		
	Fresh water	0.96 mg/l
	Fresh water sediment	3.6 mg/kg dry weight (rat)
	Marine water	0.79 mg/l
	Marine sediment	2.9 mg/kg dry weight (rat)
	Soil	0.63 mg/kg
	Sewage treatment plant	580 mg/l (rat)
	Sporadic release	2.75 mg/l (rat)
67-64-1 Acetone		
	Fresh water	10.6 mg/l
	Fresh water sediment	30.4 mg/kg dry weight
	Marine water	1.06 mg/l
	Marine sediment	3.04 mg/kg dry weight
	Soil	29.5 mg/kg
	Sewage treatment plant	100 mg/l
	Sporadic release	21 mg/l

· **Additional information:** The lists valid during the making were used as basis.

· **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.

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

· **Respiratory protection:** Not required.

· **Hand protection**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

Recommended thickness of the material: > 0,12 mm

Nitrile rubber, NBR

(Contd. on page 6)

GB

**Safety data sheet
according to UK REACH**

Printing date 09.01.2025

Version number 19 (replaces version 18)

Revision: 01.08.2024

Trade name: UHU AP FB 20ML*20 EN

(Contd. of page 5)

· Penetration time of glove material

For the mixture of chemicals mentioned below the penetration time has to be at least 10 minutes (Permeation according to EN 374 Part 3: Level 1).

· Eye/face protection

Tightly sealed goggles

Goggles recommended during refilling

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

Fluid

· Colour:

Colourless

· Odour:

Characteristic

· Odour threshold:

Not determined.

· Melting point/freezing point:

Undetermined.

**· Boiling point or initial boiling point and
boiling range**

55.8-56.6 °C

· Flammability

Highly flammable.

· Lower and upper explosion limit

3.1 Vol %

· Lower:

16 Vol %

· Upper:

-13 °C

· Flash point:

425 °C

· Auto-ignition temperature:

Not determined.

· Decomposition temperature:

Not determined.

· pH

Not determined.

· Viscosity:

Not determined.

· Kinematic viscosity

4400 mPas

· Dynamic at 20 °C:

Not determined.

· Solubility

Not determined.

· water:

Not miscible or difficult to mix.

**· Partition coefficient n-octanol/water (log
value)**

Not determined.

· Vapour pressure at 20 °C:

220 hPa

· Vapour pressure at 50 °C:

800 hPa

· Density and/or relative density

0.987 g/cm³

· Density at 20 °C:

Not determined.

· Relative density

Not determined.

· Vapour density

Not determined.

· 9.2 Other information

All relevant physical data were determined for the mixture. All non-determined data are not measurable or not relevant for the characterization of the mixture.

(Contd. on page 7)

GB

**Safety data sheet
according to UK REACH**

Printing date 09.01.2025

Version number 19 (replaces version 18)

Revision: 01.08.2024

Trade name: UHU AP FB 20ML*20 EN

(Contd. of page 6)

· Appearance:	
· Form:	Fluid
· Important information on protection of health and environment, and on safety.	
· Ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· Solvent content:	
· Organic solvents:	65.8 %
· Water:	0.4 %
· VOC (EC)	65.79 %
· Solids content:	33.8 %
· Change in condition	
· Evaporation rate	Not determined.
· Information with regard to physical hazard classes	
· Explosives	Void
· Flammable gases	Void
· Aerosols	Void
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Highly flammable liquid and vapour.
· 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**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

GB

(Contd. on page 8)

**Safety data sheet
according to UK REACH**

Printing date 09.01.2025

Version number 19 (replaces version 18)

Revision: 01.08.2024

Trade name: UHU AP FB 20ML*20 EN

(Contd. of page 7)

*** 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.

- **LD/LC50 values relevant for classification:**

79-20-9 methyl acetate

Oral	LD50	3705 mg/kg (rabbit)
------	------	---------------------

64-17-5 ethanol

Oral	LD50	10470 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)
Inhalative	LC50/4 h	120 mg/l (rat)

67-64-1 Acetone

Oral	LD50	5800 mg/kg (rat)
Dermal	LD50	>15800 mg/kg (rat)
Inhalative	LC50/4 h	76 mg/l (rat)

- **Primary irritant effect:**

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

- **Germ cell mutagenicity**

Not applicable.

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 drowsiness or dizziness.

- **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.

- **Additional toxicological information:**

- **Acute effects (acute toxicity, irritation and corrosivity)** Not applicable.

- **Sensitisation** Not applicable.

- **Repeated dose toxicity** Not applicable.

- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients is listed.

*** SECTION 12: Ecological information**

- **12.1 Toxicity**

- **Aquatic toxicity:** No further relevant information available.

- **12.2 Persistence and degradability** No further relevant information available.

- **12.3 Bioaccumulative potential** No further relevant information available.

- **12.4 Mobility in soil** No further relevant information available.

- **12.5 Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

(Contd. on page 9)

GB

Safety data sheet according to UK REACH

Printing date 09.01.2025

Version number 19 (replaces version 18)

Revision: 01.08.2024

Trade name: UHU AP FB 20ML*20 EN

(Contd. of page 8)

· 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 undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods**· Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Disposal must be made according to official regulations.

· European waste catalogue

08 04 09*	waste adhesives and sealants containing organic solvents or other hazardous substances
-----------	--

· Uncleaned packaging:

· Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

· 14.1 UN number or ID number

· ADR/ADN, IMDG, IATA	UN1133
-----------------------	--------

· 14.2 UN proper shipping name

· ADR/ADN	1133 ADHESIVES
· IMDG, IATA	ADHESIVES

· 14.3 Transport hazard class(es)**· ADR/ADN****· Class**
· Label3 (F1) Flammable liquids.
3**· IMDG, IATA****· Class**
· Label3 Flammable liquids.
3

(Contd. on page 10)

GB

**Safety data sheet
according to UK REACH**

Printing date 09.01.2025

Version number 19 (replaces version 18)

Revision: 01.08.2024

Trade name: UHU AP FB 20ML*20 EN

(Contd. of page 9)

· 14.4 Packing group	III
· ADR/ADN, IMDG, IATA	
· 14.5 Environmental hazards:	Not applicable.
· 14.6 Special precautions for user	Warning: Flammable liquids.
· Hazard identification number (Kemler code):	-
· EMS Number:	F-E,S-D
· Stowage Category	A
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
· Transport/Additional information:	
· Quantity limitations	On passenger aircraft/rail: 60 L On cargo aircraft only: 220 L
· ADR/ADN	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· Transport category	3
· Tunnel restriction code	E
· IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· Remarks:	For substances with class 3 according to IMDG-Code chapter 2.3.2.2 packing group is classified in packing group III, as viscosity is in accordance with requirements (flow time $t > 100s$).
· UN "Model Regulation":	UN 1133 ADHESIVES, 3, III

*** SECTION 15: Regulatory information**

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Poisons Act**

· Regulated explosives precursors

None of the ingredients is listed.

· Regulated poisons

None of the ingredients is listed.

· Reportable explosives precursors

67-64-1 | Acetone

Listed

(Contd. on page 11)

GB

**Safety data sheet
according to UK REACH**

Printing date 09.01.2025

Version number 19 (replaces version 18)

Revision: 01.08.2024

Trade name: UHU AP FB 20ML*20 EN

(Contd. of page 10)

· Reportable poisons

None of the ingredients is listed.

· Directive 2012/18/EU· **Named dangerous substances - ANNEX I** None of the ingredients is listed.**· Seveso category P5c FLAMMABLE LIQUIDS**· **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5000 t· **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50000 t· **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

67-64-1 Acetone

· Regulation (EC) No 273/2004 on drug precursors

67-64-1 Acetone

3

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

67-64-1 Acetone

3

· 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.

· Relevant phrases

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

EUH066 Repeated exposure may cause skin dryness or cracking.

· Classification according to Regulation (EC) No 1272/2008

Flammable liquids

Bridging principles

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: PSRA**· Contact: PSRA****· Date of previous version: 29.07.2024****· Version number of previous version: 18****· 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)

(Contd. on page 12)

GB

**Safety data sheet
according to UK REACH**

Printing date 09.01.2025

Version number 19 (replaces version 18)

Revision: 01.08.2024

Trade name: UHU AP FB 20ML*20 EN

(Contd. of page 11)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

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)

VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (UK REACH)

PNEC: Predicted No-Effect Concentration (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids – Category 2

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

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

GB