

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 11.02.2023 Version number 41 (replaces version 40) Revision: 11.02.2023

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

- · 1.1 Product identifier
- Trade name: UHU SPRAY ADHESIVE AE 200ML*6 L204
- 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:

Bison International

Dr.A.F.Philipsstraat 9

NL-4462 EW Goes

PO Box 160

NL-4460 AD Goes

tel. +31 88 3235700

fax. +31 88 3235800

e mail: sds@boltonadhesives.com

- · Further information obtainable from: Bison QESH
- · 1.4 Emergency telephone number: +31 88 3235700. Operating hours mo-fr 08:00h-17:00h (CET)

SECTION 2: Hazards identification

- · 2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.



GHS09 environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



GHS07

Skin Irrit. 2 H315

315 Causes skin irritation.

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 CLP regulation.

(Contd. on page 2)

EU-EN

www.uhu.com 1/12



Safety data sheet according to 1907/2006/EC, Article 31

Printing date 11.02.2023 Version number 41 (replaces version 40) Revision: 11.02.2023

Trade name: UHU SPRAY ADHESIVE AE 200ML*6 L204

(Contd. of page 1)

Hazard pictograms







GHS02 GHS07 GHS09

· Signal word Danger

· Hazard-determining components of labelling:

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics Hydrocarbons, C6, isoalkanes, <5% n-hexane Naphtha (petroleum), hydrotreated light

n-hexane

Hazard statements

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

· 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.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P261 Avoid breathing spray.

P273 Avoid release to the environment.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501 Dispose of contents/container in accordance with national regulations.

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

CAS: 115-10-6

· Description: Adhesive

· Dangerous components:

EINECS: 204-065-8

Index number: 603-019-00-8 Reg.nr.: 01-2119472128-37 dimethyl ether

🍲 Flam. Gas 1A, H220; Press. Gas (Comp.), H280

25-50%

(Contd. on page 3)

www.uhu.com 2/12

EU-EN



Safety data sheet according to 1907/2006/EC, Article 31

Version number 41 (replaces version 40) Revision: 11.02.2023 Printing date 11.02.2023

Trade name: UHU SPRAY ADHESIVE AE 200ML*6 L204

EC number: 927-510-4	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	ontd. of page 2 25-50%
Reg.nr.: 01-2119475515-33	Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336	20 00 %
CAS: 64742-49-0 EC number: 931-254-9 Index number: 649-328-00-1 Reg.nr.: 01-2119484651-34	Hydrocarbons, C6, isoalkanes, <5% n-hexane Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336	≥10-<25%
CAS: 64742-49-0 EC number: 926-605-8 Index number: 649-328-00-1 Reg.nr.: 01-2119486291-36	Naphtha (petroleum), hydrotreated light Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336	≥1-<2.5%
CAS: 110-54-3 EINECS: 203-777-6 Index number: 601-037-00-0 Reg.nr.: 01-2119480412-44	n-hexane	≥1-<2.5%
CAS: 110-82-7 EINECS: 203-806-2 Index number: 601-017-00-1 Reg.nr.: 01-2119463273-41	cyclohexane Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; STOT SE 3, H336	≥0.25-<1%
CAS: 68610-51-5 EINECS: 271-867-2 Reg.nr.: 01-2119496062-39- 0000	phenol, 4-methyl-, reaction products with dicyclopentadiene and isobutylene Repr. 2, H361d; Aquatic Chronic 4, H413	<1%

· 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:

In case of unconsciousness place patient stably in side position for transportation.

- · After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact: Rinse opened eye for several minutes under running water.
- After swallowing: If symptoms persist consult doctor.
- 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.

(Contd. on page 4)

3/12 www.uhu.com



Safety data sheet according to 1907/2006/EC, Article 31

Printing date 11.02.2023 Version number 41 (replaces version 40) Revision: 11.02.2023

Trade name: UHU SPRAY ADHESIVE AE 200ML*6 L204

(Contd. of page 3)

· 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 product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

- · 6.3 Methods and material for containment and cleaning up: 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.
- · Information about fire and explosion protection:

Do not spray onto a naked flame or any incandescent material.

Keep ignition sources away - Do not smoke.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- · Requirements to be met by storerooms and receptacles:

Observe official regulations on storing packagings with pressurised containers.

- Information about storage in one common storage facility: Not required.
- · Further information about storage conditions: Keep container tightly sealed.
- · Storage class: 2 B
- · 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:

115-10-6 dimethyl ether

IOELV Long-term value: 1920 mg/m³, 1000 ppm

110-54-3 n-hexane

IOELV Long-term value: 72 mg/m³, 20 ppm

110-82-7 cyclohexane

IOELV Long-term value: 700 mg/m³, 200 ppm

(Contd. on page 5)

EU-EN

www.uhu.com 4/12



Safety data sheet according to 1907/2006/EC, Article 31

Printing date 11.02.2023 Version number 41 (replaces version 40) Revision: 11.02.2023

Trade name: UHU SPRAY ADHESIVE AE 200ML*6 L204

(Contd. of page 4)

- · Additional information: The lists valid during the making were used as basis.
- · 8.2 Exposure controls
- · Appropriate engineering controls No further data; see item 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.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

Respiratory protection:

Use suitable respiratory protective device in case of insufficient ventilation.

- Recommended filter device for short term use: Filter A
- · Hand protection



Protective gloves

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

· 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 Not required.
- Body protection: Use protective suit.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

General Information

· Physical state Aerosol

· Colour: According to product specification

Odour: Characteristic
 Odour threshold: Not determined.
 Melting point/freezing point: Undetermined.

· Boiling point or initial boiling point and

boiling range 60 °C

· Flammability Not applicable.

· Lower and upper explosion limit

• **Lower:** 0.7 Vol % • **Upper:** 18.6 Vol %

(Contd. on page 6)

EU-EN

www.uhu.com 5/12



Safety data sheet according to 1907/2006/EC, Article 31

Printing date 11.02.2023 Version number 41 (replaces version 40) Revision: 11.02.2023

Trade name: UHU SPRAY ADHESIVE AE 200ML*6 L204

(Contd. of page 5)

· Flash point: -42 °C · Ignition temperature: 235 °C

Decomposition temperature: Not determined.

· Viscosity:

Kinematic viscosityDynamic:Not determined.Not determined.

· Solubility

• water: Not miscible or difficult to mix.

· Partition coefficient n-octanol/water (log

value) Not determined. Vapour pressure at 20 °C: 5200 hPa

Density and/or relative density

Density at 20 °C: ~0.773 g/cm³
 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.

· Appearance:

· Form: Aerosol

Important information on protection of health and environment, and on safety.

· **Auto-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: 89.4 %
 VOC (EC) 89.43 %
 Solids content: 13.5 %

· Change in condition

• Evaporation rate Not applicable.

 \cdot Information with regard to physical hazard

classes
Explosives
Flammable gases
Void

• Aerosols Extremely flammable aerosol. Pressurised

container: May burst if heated.

Void Oxidising gases Void · Gases under pressure Flammable liquids Void · 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

(Contd. on page 7)

- EU-EN

www.uhu.com 6/12



Safety data sheet according to 1907/2006/EC, Article 31

Printing date 11.02.2023 Version number 41 (replaces version 40) Revision: 11.02.2023

Trade name: UHU SPRAY ADHESIVE AE 200ML*6 L204

(Contd. of page 6)

· 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: Danger of forming toxic pyrolysis products.

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	D/LC50 values relevant for classification:		
115-10-6	15-10-6 dimethyl ether		l
Inhalative LC50/4 h 308 mg/l (rat)			
110-82-7	110-82-7 cyclohexane		١
Oral	LD50	12705 mg/kg (rat)	١

Skin corrosion/irritation

Causes skin irritation.

- · 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.

(Contd. on page 8)

EU-EN

www.uhu.com 7/12



Safety data sheet according to 1907/2006/EC, Article 31

Printing date 11.02.2023 Version number 41 (replaces version 40) Revision: 11.02.2023

Trade name: UHU SPRAY ADHESIVE AE 200ML*6 L204

(Contd. of page 7)

- · 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.
- 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

- · 12.7 Other adverse effects
- · Remark: Toxic for fish
- · Additional ecological information:
- · General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

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.

- · Uncleaned packaging:
- Recommendation:

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

14.1 UN number or ID number ADR/ADN, IMDG, IATA	UN1950
14.2 UN proper shipping name	
ADR/ADN	1950 AEROSOLS
IMDG	AEROSOLS, MARINE POLLUTANT
IATA	AEROSOLS, flammable

www.uhu.com 8/12



Safety data sheet according to 1907/2006/EC, Article 31

Printing date 11.02.2023 Version number 41 (replaces version 40) Revision: 11.02.2023

Trade name: UHU SPRAY ADHESIVE AE 200ML*6 L204

(Contd. of page 8)

· 14.3 Transport hazard class(es)

· ADR/ADN





· Class 2 5F Gases.

· Label 2.1

· IMDG





· Class 2.1 Gases.

· Label 2.1

·IATA



· Class 2.1 Gases.

· Label 2.1

14.4 Packing group

· ADR/ADN, IMDG, IATA not regulated

• 14.5 Environmental hazards: Product contains environmentally hazardous

substances: Naphtha (petroleum), hydrotreated

light

· Marine pollutant: Yes

Symbol (fish and tree)

Warning: Gases.

· Special marking (ADR/ADN): Symbol (fish and tree)

· Hazard identification number (Kemler code): -

· 14.6 Special precautions for user

• **EMS Number**: F-D.S-U

• Stowage Code SW1 Protected from sources of heat.

SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.

• Segregation Code SG69 For AEROSOLS with a maximum capacity

of 1 litre:

Segregation as for class 9. Stow "separated from"

class 1 except for division 1.4.

For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of

class 2.

For WASTE AEROSOLS:

(Contd. on page 10)

EU-EN

www.uhu.com 9/12



Safety data sheet according to 1907/2006/EC, Article 31

Printing date 11.02.2023 Version number 41 (replaces version 40) Revision: 11.02.2023

Trade name: UHU SPRAY ADHESIVE AE 200ML*6 L204

	(Contd. of page
	Segregation as for the appropriate subdivision oclass 2.
 14.7 Maritime transport in bulk according to IMO instruments 	Not applicable.
· Transport/Additional information: · Quantity limitations	On passenger aircraft/rail: 75 kg On cargo aircraft only: 150 kg
· ADR/ADN · Limited quantities (LQ) · Excepted quantities (EQ) · Transport category · Tunnel restriction code	1L Code: E0 Not permitted as Excepted Quantity 2 D
· IMDG · Limited quantities (LQ) · Excepted quantities (EQ) · Remarks:	1L Code: E0 Not permitted as Excepted Quantity Under certain conditions substances in Class (flammable liquids) can be classified i packinggroup III. See IMDG, Part 2, Chapter 2.3, Paragraph 2.3.2.2
· UN "Model Regulation":	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALL HAZARDOUS

SECTION 15: Regulatory information

- · 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I None of the ingredients is listed.
- Seveso category

P3a FLAMMABLE AEROSOLS

E2 Hazardous to the Aquatic Environment

- Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t
- · Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- · REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3, 57
- 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

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

None of the ingredients is listed.

(Contd. on page 11)

www.uhu.com 10/12

ge 11) - EU-EN



Safety data sheet according to 1907/2006/EC, Article 31

Version number 41 (replaces version 40) Printing date 11.02.2023 Revision: 11.02.2023

Trade name: UHU SPRAY ADHESIVE AE 200ML*6 L204

(Contd. of page 10)

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

None of the ingredients is listed.

• 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

- H220 Extremely flammable gas.
- H225 Highly flammable liquid and vapour.
- H280 Contains gas under pressure; may explode if heated.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H336 May cause drowsiness or dizziness.
- H361d Suspected of damaging the unborn child.
- H361f Suspected of damaging fertility.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.
- H413 May cause long lasting harmful effects to aquatic life.

· Classification according to Regulation (EC) No 1272/2008 Aerosols, Section 2.3.1 Bridging principles Skin corrosion/irritation The classification of the mixture is generally Specific target organ toxicity (single exposure) based on the calculation method using Hazardous to the aquatic environment - longsubstance data according to Regulation (EC) No term (chronic) aquatic hazard 1272/2008.

- Department issuing SDS: Bison QESH
- · Contact: Reach coordinator
- Date of previous version: 13.09.2022 · Version number of previous version: 40
- 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) 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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative

Flam. Gas 1A: Flammable gases - Category 1A

Aerosol 1: Aerosols – Category 1
Press. Gas (Comp.): Gases under pressure – Compressed gas

Flam. Liq. 2: Flammable liquids – Category 2 Skin Irrit. 2: Skin corrosion/irritation - Category 2

(Contd. on page 12)

FU-FN

11/12 www.uhu.com



Safety data sheet according to 1907/2006/EC, Article 31

Printing date 11.02.2023 Version number 41 (replaces version 40) Revision: 11.02.2023

Trade name: UHU SPRAY ADHESIVE AE 200ML*6 L204

(Contd. of page 11)

Repr. 2: Reproductive toxicity – Category 2
Repr. 2: Reproductive toxicity – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Asp. Tox. 1: Aspiration hazard - Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard - Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard - Category 2
Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard - Category 4

* Data compared to the previous version altered.

EU-EN

12/12 www.uhu.com