

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 15.08.2024

Version number 14 (replaces version 13)

Revision: 15.08.2024

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

- · 1.1 Product identifier
- · Trade name: UHU T&G TR 35ML*12 ENIS
- 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:

Emergency medical information: 8am-10pm (seven days) contact

National Poisons Information Centre, Beaumont Hospital, Dublin 9. Tel 01 8092566

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

Eye Irrit. 2 H319 Causes serious eye irritation.

- · 2.2 Label elements
- · Labelling according to Regulation (EC) No 1272/2008
- The product is classified and labelled according to the CLP regulation.
- Hazard pictograms





GHS02 GHS07

- Signal word Danger
- · Hazard statements

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

Precautionary statements

P101

If medical advice is needed, have product container or label at hand.

P102

Keep out of reach of children.

(Contd. on page 2)

E -

1/12 Page 1 of 12



Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 15.08.2024

Version number 14 (replaces version 13)

Revision: 15.08.2024

Trade name: UHU T&G TR 35ML*12 ENIS

(Contd. of page 1)

P210

Keep away from heat, hot surfaces, sparks, open flames and other ignition

sources. No smoking.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing.

P501

Dispose of contents/container in accordance with national regulations.

· Additional information:

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: 64-17-5 EINECS: 200-578-6 Index number: 603-002-00-5 Reg.nr.: 01-2119457610-43	ethanol	≥25-<50%
CAS: 141-78-6 EINECS: 205-500-4 Index number: 607-022-00-5 Reg.nr.: 01-2119475103-46- XXXX	Ethyl acetate ♠ Flam. Liq. 2, H225; ♠ Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	≥2.5-<10%
CAS: 67-64-1 EINECS: 200-662-2 Index number: 606-001-00-8 Reg.nr.: 01-2119471330-49- XXXX	Acetone Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	≥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. If symptoms persist, consult a doctor.

- · After swallowing: If symptoms persist consult doctor.
- 4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

(Contd. on page 3)

___ IE



Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 15.08.2024

Version number 14 (replaces version 13)

Revision: 15.08.2024

Trade name: UHU T&G TR 35ML*12 ENIS

(Contd. of page 2)

· 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 No special precautions are necessary if used correctly.
- · 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
- · 7.3 Specific end use(s) No further relevant information available.

(Contd. on page 4)



Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 15.08.2024

Version number 14 (replaces version 13)

Revision: 15.08.2024

Trade name: UHU T&G TR 35ML*12 ENIS

(Contd. of page 3)

8.1 Contro	ol parameters				
Ingredients with limit values that require monitoring at the workplace:					
64-17-5 et					
OEL (Irela	nd) Short-term value: 1000 ppm				
141-78-6 E	Ethyl acetate				
OEL (Irela	nd) Short-term value: 1468 mg/m³, 400 ppi Long-term value: 734 mg/m³, 200 ppm IOELV				
IOELV (EU	J) Short-term value: 1468 mg/m³, 400 ppi Long-term value: 734 mg/m³, 200 ppm	m			
67-64-1 A					
OEL (Irela	nd) Long-term value: 1210 mg/m³, 500 ppr IOELV	n			
IOELV (EU	J) Long-term value: 1210 mg/m³, 500 ppr	m			
DNELs					
64-17-5 et	hanol				
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/m³ (rat)			
	Worker, inhalative, longterm exposition	950 mg/m³ (rat)			
	Consumer DNEL, acute inhalation	950 mg/m³ (rat)			
	Consumer, inhalative, longterm exposition	114 mg/m³			
141-78-6 E	Ethyl acetate				
Oral	Consumer, oral, longterm exposition	4.5 mg/kg bw/day			
Dermal	Worker, dermal, longterm exposition	63 mg/kg bw/day			
	Consumer, dermal, longterm exposition	37 mg/kg bw/day			
Inhalative	, , , , , , , , , , , , , , , , , , , ,	1468 mg/m³			
	Worker, inhalative, longterm exposition	734 mg/m³			
	Consumer DNEL, acute inhalation	734 mg/m³			
	Consumer, inhalative, longterm exposition	367 mg/m³			
67-64-1 A	cetone				
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/m³			
	Worker, inhalative, longterm exposition	1210 mg/m³			

WWW.Thit.:23822-0132

4/12 Page 4 of 12



Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 15.08.2024 Version number 14 (replaces version 13) Revision: 15.08.2024

Trade name: UHU T&G TR 35ML*12 ENIS

	(Contd. of page 4)	
·PNECs		
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)	
141-78-6 Ethyl acetate		
Fresh water	0.24 mg/l	
Fresh water sediment	1.15 mg/kg dry weight	
Marine water	0.024 mg/l	
Marine sediment	0.115 mg/kg dry weight	
Soil	0.148 mg/kg	
Sewage treatment plant	650 mg/l	
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.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

- · 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)



Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 15.08.2024

Version number 14 (replaces version 13)

Revision: 15.08.2024

Trade name: UHU T&G TR 35ML*12 ENIS

· Penetration time of glove material

(Contd. of page 5)

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	c physical ar	nd chemical p	properties
--------------------------	---------------	---------------	------------

General Information

· Physical state

· Colour:

· Odour:

· Odour threshold:

· Melting point/freezing point:

· Boiling point or initial boiling point and

boiling range

· Flammability · Lower and upper explosion limit

· Lower:

· Upper:

· Flash point:

Auto-ignition temperature:

Decomposition temperature:

· pH

Viscosity:

· Kinematic viscosity

· Dynamic at 20 °C:

· Solubility

· water:

· Partition coefficient n-octanol/water (log

value)

 Vapour pressure at 20 °C: Vapour pressure at 50 °C:

Density and/or relative density

Density at 20 °C:

Relative density

· Vapour density

9.2 Other information

Fluid

Colourless

Characteristic

Not determined.

Undetermined.

55 °C

Highly flammable.

3.5 Vol %

15 Vol %

-19 °C

425 °C

Not determined.

Not determined.

Not determined.

1400 mPas

Not miscible or difficult to mix.

Not determined.

59 hPa

280 hPa

0.923 g/cm³

Not determined. Not determined.

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)

6/12 Page 6 of 12 www.uhu.com



Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 15.08.2024

Version number 14 (replaces version 13)

Revision: 15.08.2024

Trade name: UHU T&G TR 35ML*12 ENIS

(Contd. of page 6)

Δ	n	n	e	а	ra	n	c	e	•

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: · Water: · VOC (EC) 58.6 % 8.0 % 58.62 % 25.1 %

Void

Void Void

Void

Void

Solids content: Change in condition

· Evaporation rate Not determined.

· Information with regard to physical hazard

classes

Explosives
Flammable gases
Aerosols
Oxidising gases
Gases under pressure
Flammable liquids

Void

High

• Flammable liquids Highly flammable liquid and vapour.
• Flammable solids Void

Flammable solids
Self-reactive substances and mixtures
Pyrophoric liquids
Pyrophoric solids
Self-heating substances and mixtures
Substances and mixtures, which emit flammable gases in contact with water
Oxidising liquids

Oxidising liquids
Oxidising solids
Organic peroxides
Corrosive to metals
Desensitised explosives

Void

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.
- $\cdot\,\textbf{10.6 Hazardous decomposition products:}\ No\ dangerous\ decomposition\ products\ known.$

(Contd. on page 8)

WWW.thti.883Hi² 7/12 Page 7 of 12



Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 15.08.2024

Version number 14 (replaces version 13)

Revision: 15.08.2024

Trade name: UHU T&G TR 35ML*12 ENIS

(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 v	· LD/LC50 values relevant for classification:			
64-17-5 et	64-17-5 ethanol			
Oral	LD50	10470 mg/kg (rat)		
Dermal	LD50	>2000 mg/kg (rat)		
Inhalative	LC50/4 h	120 mg/l (rat)		
141-78-6 E	Ethyl aceta	ate		
Oral	l LD50 4934 mg/kg (rabbit)			
Dermal	LD50	>20000 mg/kg (rabbit)		
Inhalative	Inhalative LC50/4 h 29.3 mg/l (rat)			
67-64-1 A	67-64-1 Acetone			
Oral	LD50	5800 mg/kg (rat)		
Dermal	LD50	>15800 mg/kg (rat)		
Inhalative	LC50/4 h	76 mg/l (rat)		

- · Skin corrosion/irritation Based on available data, the classification criteria are not met.
- · Serious eye damage/irritation

Causes serious eye irritation.

- · 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 Based on available data, the classification criteria are not met.
- 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.

(Contd. on page 9)



Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 15.08.2024

Version number 14 (replaces version 13)

Revision: 15.08.2024

Trade name: UHU T&G TR 35ML*12 ENIS

· 12.5 Results of PBT and vPvB assessment

(Contd. of page 8)

- · **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
- 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.

- · 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 3 (F1) Flammable liquids.
- · Label 3
- · IMDG, IATA



- · Class 3 Flammable liquids.
- · Label

(Contd. on page 10)



Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 15.08.2024

Version number 14 (replaces version 13)

Revision: 15.08.2024

Trade name: UHU T&G TR 35ML*12 ENIS

	(Contd. of page
· 14.4 Packing group · ADR/ADN, IMDG, IATA	III
· 14.5 Environmental hazards:	Not applicable.
 14.6 Special precautions for user Hazard identification number (Kemler code): EMS Number: Stowage Category 	Warning: Flammable liquids. - F-E,S-D 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) · Excepted quantities (EQ)	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 100 ml
· Transport category · Tunnel restriction code	E
· IMDG · Limited quantities (LQ) · Excepted quantities (EQ)	5L Code: E1 Maximum net quantity per inner packaging: 30 m Maximum net quantity per outer packaging: 100
· Remarks:	ml For substances with class 3 according to IMDO Code chapter 2.3.2.2 packing group is classifie 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
- 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

(Contd. on page 11)



Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 15.08.2024

Version number 14 (replaces version 13)

Revision: 15.08.2024

Trade name: UHU T&G TR 35ML*12 ENIS

(Contd. of page 10)
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

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.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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	
	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: 15.01.2022 · Version number of previous version: 13

· 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)
DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic

(Contd. on page 12)



Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 15.08.2024

Version number 14 (replaces version 13)

Revision: 15.08.2024

Trade name: UHU T&G TR 35ML*12 ENIS

(Contd. of page 11)

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

ı