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SECTION 1: Identification of the substance/mixture and of the company/ undertaking • 1.1 Product identifier • Trade name: UHU DRY & CLEAN Roller • 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 emaill: sds@boltonadhesives.com

· Further information obtainable from: UHU QESH

• **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
- The product is not classified, according to the CLP regulation.
- · 2.2 Label elements
- · Labelling according to Regulation (EC) No 1272/2008 Void
- · Hazard pictograms Void
- · Signal word Void
- · Hazard statements Void
- · 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:
- Mixture of substances listed below with nonhazardous additions. Adhesive
- · Dangerous components: Void
- Additional information: For the wording of the listed hazard phrases refer to section 16.

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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.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- \cdot 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: Use fire extinguishing methods suitable to surrounding conditions.
- \cdot 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 Not required.
- · 6.2 Environmental precautions: No special measures required.
- 6.3 Methods and material for containment and cleaning up: Pick up mechanically.
- · 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 measures required.
- · Information about fire and explosion protection: No special measures required.
- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles: No special requirements.
- · Information about storage in one common storage facility: Not required.
- Further information about storage conditions: None.
- · Storage class: 11
- · 7.3 Specific end use(s) No further relevant information available.

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SECTION 8: Exposure controls/personal protection

· Additional information about design of technical facilities: No further data; see item 7.

- · 8.1 Control parameters
- · Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- Additional information: The lists valid during the making were used as basis.
- · 8.2 Exposure controls
- · Personal protective equipment:
- · General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

- Respiratory protection: Not required.
- · Protection of hands:

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

glove material: butyl rubber

thickness of the glove material: 0,6 - 0,8 mm

breakthrough time (maximum wearing time): 60 - 120 min.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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 protection: Not required.

9.1 Information on basic physica General Information	l and chemical properties	
Appearance:	Solid	
Form: Colour:	Solid According to product specification	
Odour:	Characteristic	
Odour threshold:	Not determined.	
pH-value:	Not applicable.	
Change in condition		
Melting point/freezing point:	Undetermined.	
Initial boiling point and boiling	range: Undetermined.	

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• Flash point: Not applicable. • Flammability (solid, gas): Not determined. • Decomposition temperature: Not determined. • Auto-ignition temperature: Product is not selfigniting. • Explosive properties: Product does not present an explosion hazard. • Explosion limits: Lower: Lower: Not determined. Upper: Not determined. • Vapour pressure: Not applicable. • Density: Not determined. • Vapour density Not determined. • Vapour density Not determined. • Vapour density Not determined. • Solubility in / Miscibility with Mot applicable. • Solubility in / Miscibility with Not applicable. • Viscosity: Dynamic: Dynamic: Not applicable. • Solvent content: Not applicable. • Solvent content: 100.0 % • 9.2 Other information All relevant physical data were determined for the mixture.		(Contd. of page 3)
• Decomposition temperature: Not determined. • Auto-ignition temperature: Product is not selfigniting. • Explosive properties: Product does not present an explosion hazard. • Explosion limits: Lower: Lower: Not determined. Upper: Not determined. • Vapour pressure: Not applicable. • Density: Not determined. • Vapour density Not applicable. • Evaporation rate Not applicable. • Solubility in / Miscibility with water: Insoluble. • Viscosity: Dynamic: Dynamic: Not applicable. • Solvent content: Not applicable. • Solvent content: 100.0 % • 9.2 Other information All relevant physical data were determined for the mixture. All non-determined data are not measurable or	· Flash point:	Not applicable.
• Auto-ignition temperature: Product is not selfigniting. • Explosive properties: Product does not present an explosion hazard. • Explosion limits: Lower: Lower: Not determined. Upper: Not determined. • Vapour pressure: Not applicable. • Density: Not determined. • Relative density Not determined. • Vapour density Not applicable. • Evaporation rate Not applicable. • Solubility in / Miscibility with water: Insoluble. • Partition coefficient: n-octanol/water: Not applicable. • Viscosity: Dynamic: Dynamic: Not applicable. • Solvent content: 100.0 % • 9.2 Other information All relevant physical data were determined for the mixture. All non-determined data are not measurable or	· Flammability (solid, gas):	Not determined.
• Explosive properties: Product does not present an explosion hazard. • Explosion limits: Lower: Lower: Not determined. Upper: Not determined. • Vapour pressure: Not applicable. • Density: Not determined. • Relative density Not determined. • Vapour density Not determined. • Vapour density Not applicable. • Evaporation rate Not applicable. • Solubility in / Miscibility with water: Insoluble. • Partition coefficient: n-octanol/water: Not determined. • Viscosity: Dynamic: Dynamic: Not applicable. • Solvent content: 100.0 % • 9.2 Other information All relevant physical data were determined for the mixture. All non-determined data are not measurable or	· Decomposition temperature:	Not determined.
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• Density: Not determined. • Relative density Not determined. • Vapour density Not applicable. • Vaporation rate Not applicable. • Solubility in / Miscibility with water: Insoluble. • Partition coefficient: n-octanol/water: Not determined. • Viscosity: Dynamic: Dynamic: Not applicable. • Solvent content: Not applicable. • Solvent content: 100.0 % • 9.2 Other information All relevant physical data were determined for the mixture. All non-determined data are not measurable or	Lower:	
• Relative density Not determined. • Vapour density Not applicable. • Evaporation rate Not applicable. • Solubility in / Miscibility with water: Insoluble. • Partition coefficient: n-octanol/water: Not determined. • Viscosity: Dynamic: Dynamic: Not applicable. • Solvent content: 100.0 % • 9.2 Other information All relevant physical data were determined for the mixture. All non-determined data are not measurable or	· Vapour pressure:	Not applicable.
water: Insoluble. • Partition coefficient: n-octanol/water: Not determined. • Viscosity: Dynamic: Dynamic: Not applicable. Kinematic: Not applicable. • Solvent content: 100.0 % • 9.2 Other information All relevant physical data were determined for the mixture. All non-determined data are not measurable or	 Relative density Vapour density 	Not determined. Not applicable.
· Viscosity: Dynamic: Not applicable. Mot applicable. Not applicable. · Solvent content: 100.0 % · 9.2 Other information All relevant physical data were determined for the mixture. All non-determined data are not measurable or		Insoluble.
Dynamic: Kinematic: Not applicable. Kinematic: Not applicable. Solvent content: 100.0 % 9.2 Other information All relevant physical data were determined for the mixture. All non-determined data are not measurable or	· Partition coefficient: n-octanol/water:	Not determined.
Solids content: 100.0 % • 9.2 Other information All relevant physical data were determined for the mixture. All non-determined data are not measurable or	Dynamic:	• •
• 9.2 Other information All relevant physical data were determined for the mixture. All non-determined data are not measurable or	· Solvent content:	
		All relevant physical data were determined for the mixture. All non-determined data are not measurable or

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.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity Based on available data, the classification criteria are not met.

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· 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.
- · Acute effects (acute toxicity, irritation and corrosivity) Not applicable.
- · Sensitisation Not applicable.
- Repeated dose toxicity Not applicable.
- · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
- · Germ cell mutagenicity Not applicable.
- 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.
- \cdot STOT-repeated exposure Based on available data, the classification criteria are not met.
- \cdot Aspiration hazard Based on available data, the classification criteria are not met.

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.
- · Additional ecological information:
- · General notes: Not hazardous for water.
- · 12.5 Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- · vPvB: Not applicable.
- 12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

- · 13.1 Waste treatment methods
- Recommendation

Smaller quantities can be disposed of with household waste. 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
- · ADR/ADN, IMDG, IATA

not regulated

· ADN

not regulated

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 · 14.2 UN proper shipping name · ADR/ADN, ADN, IMDG, IATA 	not regulated
· 14.3 Transport hazard class(es)	
· ADR/ADN, ADN, IMDG, IATA · Class	not regulated
 · 14.4 Packing group · ADR/ADN, IMDG, IATA 	not regulated
· 14.5 Environmental hazards:	Not applicable.
· 14.6 Special precautions for user	Not applicable.
 14.7 Transport in bulk according to Ann of Marpol and the IBC Code 	ex II Not applicable.
· Transport/Additional information:	Not dangerous according to the above specifications.
· UN "Model Regulation":	not regulated

SECTION 15: Regulatory information

- \cdot 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.
- · 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.

- · Department issuing SDS: UHU QESH
- · Contact: UHU QESH
- · Abbreviations and acronyms:

ADR: Accord européen sur le transport 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) PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- * Data compared to the previous version altered.

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