

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 30 Nov 2022

Print date: 1 Dec 2022

Version: 3



Epoxy Ribbon

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

1.1. Product identifier

Trade name/designation:

Epoxy Ribbon

UFI:

ART1-0D7G-WHHS-FGXV

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

No data available

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

ATG GmbH & Co. KG

Traunsteiner Str. 7

83313 Siegsdorf

Germany

Telephone: +49 (0)8662 66080

Telefax: +49 (0)8662 660820

E-mail: sdb@atggmbh.com

Website: <https://www.atggmbh.com>

1.4. Emergency telephone number

(UK) England und Wales (NHS Direct), 24h: 111

(UK) Schottland (NHS 24), 24h: 111

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Hazard classes and hazard categories	Hazard statements	Classification procedure
Skin corrosion/irritation (<i>Skin Irrit. 2</i>)	H315: Causes skin irritation.	Calculation method.
Respiratory or skin sensitisation (<i>Skin Sens. 1</i>)	H317: May cause an allergic skin reaction.	Calculation method.
Serious eye damage/eye irritation (<i>Eye Irrit. 2</i>)	H319: Causes serious eye irritation.	Calculation method.
Hazardous to the aquatic environment (<i>Aquatic Chronic 2</i>)	H411: Toxic to aquatic life with long lasting effects.	Calculation method.

2.2. Label elements

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

Hazard pictograms:



GHS07

Exclamation mark



GHS09

Environment

Signal word: Warning

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Hazard components for labelling:

2,4,6-tris(dimethylaminomethyl)phenol; Reaktionsprodukt Bisphenol-A-Epichlorhydrinharze mit durchschnittlichem Molekulargewicht ≤ 700

Hazard statements for health hazards

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

Hazard statements for environmental hazards

H411	Toxic to aquatic life with long lasting effects.
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Supplemental hazard information: none

Precautionary statements Prevention

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
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Precautionary statements Response

P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.

Precautionary statements Disposal

P501	Dispose of contents/container to an appropriate recycling or disposal facility.
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Special rules for supplemental label elements for certain mixtures:

72,2 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (oral).

72,2 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (dermal).

96,0 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (inhalative).

76,2 % percent of the mixture consists of components of unknown hazards to the aquatic environment.

2.3. Other hazards

No data available

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 25068-38-6 Index No.: 603-074-00-8	Reaktionsprodukt Bisphenol-A-Epichlorhydrinharze mit durchschnittlichem Molekulargewicht ≤ 700 Aquatic Chronic 2 (H411), Eye Irrit. 2 (H319), Skin Irrit. 2 (H315), Skin Sens. 1 (H317) Warning Specific concentration limit (SCL) Eye Irrit. 2; H319: C $\geq 5\%$ Skin Irrit. 2; H315: C $\geq 5\%$	18 - < 35 weight-%
CAS No.: 90-72-2 EC No.: 202-013-9 Index No.: 603-069-00-0	2,4,6-tris(dimethylaminomethyl)phenol Acute Tox. 4 (H302), Eye Irrit. 2 (H319), Skin Irrit. 2 (H315) Warning	3 - ≤ 6 weight-%
CAS No.: 14808-60-7 EC No.: 942-618-1	Silicone dioxide Substance with a community workplace exposure limit.	0 - ≤ 1 weight-%

Full text of H- and EUH-phrases: see section 16.

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SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended.

Following inhalation:

Provide fresh air. In case of respiratory tract irritation, consult a physician.

In case of skin contact:

Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention. After contact with skin, wash immediately with plenty of water and soap.

After eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Following ingestion:

Rinse mouth. Get medical advice/attention if you feel unwell. Let 1 glass of water be drunken in little sips (dilution effect).

Self-protection of the first aider:

Use personal protection equipment.

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

Skin corrosion/irritation Allergic reactions Serious eye damage/eye 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:

Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

Hazardous combustion products:

In case of fire: Gases/vapours, toxic

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Remove persons to safety.

Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection.

6.1.2. For emergency responders

Personal protection equipment:

Personal protection equipment: see section 8

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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6.3. Methods and material for containment and cleaning up

For containment:

Collect spillage. Measures to prevent aerosol and dust generation Wet clean or vacuum up solids.

For cleaning up:

Water (with cleaning agent)

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

6.5. Additional information

Use appropriate container to avoid environmental contamination.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Wear personal protection equipment (refer to section 8).

Measures to prevent aerosol and dust generation:

Dust should be exhausted directly at the point of origin.

Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

Storage class (TRGS 510, Germany): 8B - Non-combustible corrosive substances

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
WEL (GB)	Talc (Mg ₃ H ₂ (SiO ₃) ₄) CAS No.: 14807-96-6 EC No.: 238-877-9	① 1 mg/m ³ ⑤ (respirable fraction)
WEL (GB)	Silicone dioxide CAS No.: 14808-60-7 EC No.: 942-618-1	① 0.1 mg/m ³ ⑤ (Silica, crystalline; respirable fraction)
BOELV (EU)	Silicone dioxide CAS No.: 14808-60-7 EC No.: 942-618-1	① 0.1 mg/m ³ ⑤ (Silica, crystalline; respirable fraction)

8.1.2. Biological limit values

No data available

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8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route
Reaktionsprodukt Bisphenol-A-Epichlorhydrinharze mit durchschnittlichem Molekulargewicht <= 700 CAS No.: 25068-38-6	12.3 mg/m ³	① DNEL worker ② Long-term - inhalation, systemic effects
Reaktionsprodukt Bisphenol-A-Epichlorhydrinharze mit durchschnittlichem Molekulargewicht <= 700 CAS No.: 25068-38-6	0.75 mg/m ³	① DNEL Consumer ② Long-term - inhalation, systemic effects
Reaktionsprodukt Bisphenol-A-Epichlorhydrinharze mit durchschnittlichem Molekulargewicht <= 700 CAS No.: 25068-38-6	12.25 mg/m ³	① DNEL worker ② Acute - inhalation, systemic effects
Reaktionsprodukt Bisphenol-A-Epichlorhydrinharze mit durchschnittlichem Molekulargewicht <= 700 CAS No.: 25068-38-6	8.3 mg/kg bw/day	① DNEL worker ② Long-term - dermal, systemic effects
Reaktionsprodukt Bisphenol-A-Epichlorhydrinharze mit durchschnittlichem Molekulargewicht <= 700 CAS No.: 25068-38-6	8.33 mg/kg bw/day	① DNEL worker ② Acute - dermal, systemic effects
Reaktionsprodukt Bisphenol-A-Epichlorhydrinharze mit durchschnittlichem Molekulargewicht <= 700 CAS No.: 25068-38-6	3.571 mg/kg bw/day	① DNEL Consumer ② Acute - dermal, systemic effects
Reaktionsprodukt Bisphenol-A-Epichlorhydrinharze mit durchschnittlichem Molekulargewicht <= 700 CAS No.: 25068-38-6	0.75 mg/kg bw/day	① DNEL Consumer ② Long-term - oral, systemic effects
Reaktionsprodukt Bisphenol-A-Epichlorhydrinharze mit durchschnittlichem Molekulargewicht <= 700 CAS No.: 25068-38-6	0.75 mg/kg bw/day	① DNEL Consumer ② Acute - oral, systemic effects

Substance name	PNEC Value	① PNEC type
Reaktionsprodukt Bisphenol-A-Epichlorhydrinharze mit durchschnittlichem Molekulargewicht <= 700 CAS No.: 25068-38-6	0.003 mg/L	① PNEC aquatic, freshwater
Reaktionsprodukt Bisphenol-A-Epichlorhydrinharze mit durchschnittlichem Molekulargewicht <= 700 CAS No.: 25068-38-6	0.0003 mg/L	① PNEC aquatic, marine water
Reaktionsprodukt Bisphenol-A-Epichlorhydrinharze mit durchschnittlichem Molekulargewicht <= 700 CAS No.: 25068-38-6	10 mg/L	① PNEC sewage treatment plant

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Substance name	PNEC Value	① PNEC type
Reaktionsprodukt Bisphenol-A-Epichlorhydrinharze mit durchschnittlichem Molekulargewicht <= 700 CAS No.: 25068-38-6	0.5 mg/kg bw/day	① PNEC sediment, freshwater
Reaktionsprodukt Bisphenol-A-Epichlorhydrinharze mit durchschnittlichem Molekulargewicht <= 700 CAS No.: 25068-38-6	0.5 mg/kg bw/day	① PNEC sediment, marine water
Reaktionsprodukt Bisphenol-A-Epichlorhydrinharze mit durchschnittlichem Molekulargewicht <= 700 CAS No.: 25068-38-6	0.05 mg/kg bw/day	① PNEC soil
Reaktionsprodukt Bisphenol-A-Epichlorhydrinharze mit durchschnittlichem Molekulargewicht <= 700 CAS No.: 25068-38-6	0.018 mg/L	① PNEC aquatic, intermittent release

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No data available

8.2.2. Personal protection equipment

Eye/face protection:

Eye glasses with side protection EN 166

Skin protection:

Tested protective gloves must be worn EN ISO 374 Suitable material: Breakthrough time: min In the case of wanting to use the gloves again, clean them before taking off and air them well.

Respiratory protection:

Particle filter device (EN 143)

8.2.3. Environmental exposure controls

No data available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: solid

Colour: Je nach Spezifikation

Odour: Charakteristisch

Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	not determined		
Melting point	not determined		
Freezing point	not determined		
Initial boiling point and boiling range	not determined		
Decomposition temperature	not determined		
Flash point	> 93.3 °C		
Evaporation rate	not determined		
Auto-ignition temperature	not determined		
Upper/lower flammability or explosive limits	not applicable		
Vapour pressure	not determined		

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Parameter	Value	at °C	① Method ② Remark
Vapour density	<i>not determined</i>		
Density	1.917 g/cm ³		
Relative density	<i>not determined</i>		
Bulk density	<i>not determined</i>		
Water solubility	<i>not determined</i>		
Partition coefficient: n-octanol/water	<i>not determined</i>		
Dynamic viscosity	<i>not determined</i>	40 °C	
Kinematic viscosity	<i>not determined</i>	40 °C	

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product itself does not burn.

10.2. Chemical stability

No data available

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

In case of fire: Gases/vapours, toxic

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Reaktionsprodukt Bisphenol-A-Epichlorhydrinharze mit durchschnittlichem Molekulargewicht <= 700
CAS No.: 25068-38-6

LD₅₀ oral: >2,000 mg/kg (Ratte) AMA Archives of Industrial Health. Vol. 17, Pg. 129, 1958.

LD₅₀ dermal: >2,000 mg/kg (Rabbit) Union Carbide Data Sheet. Vol. 6/6/1969

2,4,6-tris(dimethylaminomethyl)phenol CAS No.: 90-72-2 **EC No.:** 202-013-9

LD₅₀ oral: 1,653 mg/kg (Rat)

LD₅₀ dermal: 1,280 mg/kg

Acute oral toxicity:

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

Acute dermal toxicity:

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

Acute inhalation toxicity:

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

Skin corrosion/irritation:

Causes severe skin burns and eye damage. Causes skin irritation.

Serious eye damage/irritation:

Causes serious eye irritation.

Respiratory or skin sensitisation:

May cause an allergic skin reaction.

Germ cell mutagenicity:

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

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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 information:

No data available

11.2. Information on other hazards

No data available

SECTION 12: Ecological information

12.1. Toxicity

Reaktionsprodukt Bisphenol-A-Epichlorhydrinharze mit durchschnittlichem Molekulargewicht <= 700 CAS No.: 25068-38-6

LC₅₀: 1.2 mg/L 4 d (fish, <i>Oncorhynchus mykiss</i>)
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EC₅₀: 1.1 mg/L 2 d (crustaceans, <i>Daphnia magna</i>) OECD 202
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EC₅₀: 1.1 mg/L 2 d (crustaceans, <i>Daphnia magna</i>) OECD 202
--

Aquatic toxicity:

Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

Reaktionsprodukt Bisphenol-A-Epichlorhydrinharze mit durchschnittlichem Molekulargewicht <= 700 CAS No.: 25068-38-6

Results of PBT and vPvB assessment: This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

2,4,6-tris(dimethylaminomethyl)phenol CAS No.: 90-72-2 EC No.: 202-013-9
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Results of PBT and vPvB assessment: —
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Silicone dioxide CAS No.: 14808-60-7 EC No.: 942-618-1
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Results of PBT and vPvB assessment: —
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12.6. Endocrine disrupting properties

No data available

12.7. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment options

Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

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SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
UN 1759	UN 1759	UN 1759	UN 1759
14.2. UN proper shipping name			
CORROSIVE SOLID, N.O.S.	CORROSIVE SOLID, N.O.S.	CORROSIVE SOLID, N.O.S.	CORROSIVE SOLID, N.O.S.
14.3. Transport hazard class(es)			
 8	 8	 8	 8
14.4. Packing group			
III	III	III	III
14.5. Environmental hazards			
No	No	No	No
14.6. Special precautions for user			
Special Provisions: 274 Limited quantity (LQ): 5 kg Excepted Quantities (EQ): E1 Hazard identification number (Kemler No.): 80 Classification code: C10 Tunnel restriction code: (E)	Special Provisions: 274 Limited quantity (LQ): 5 kg Excepted Quantities (EQ): E1 Classification code: C10	Special Provisions: 223 274 Limited quantity (LQ): 5 kg Excepted Quantities (EQ): E1 EmS-No.: F-A, S-B	Special Provisions: A3 Limited quantity (LQ): Y845 Excepted Quantities (EQ): E1

14.7. Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

No data available

15.2. Chemical Safety Assessment

No data available

SECTION 16: Other information

16.1. Indication of changes

No data available

16.2. Abbreviations and acronyms

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

16.3. Key literature references and sources for data

No data available

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16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
Skin corrosion/irritation (<i>Skin Irrit. 2</i>)	H315: Causes skin irritation.	Calculation method.
Respiratory or skin sensitisation (<i>Skin Sens. 1</i>)	H317: May cause an allergic skin reaction.	Calculation method.
Serious eye damage/eye irritation (<i>Eye Irrit. 2</i>)	H319: Causes serious eye irritation.	Calculation method.
Hazardous to the aquatic environment (<i>Aquatic Chronic 2</i>)	H411: Toxic to aquatic life with long lasting effects.	Calculation method.

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Hazard statements	
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.

16.6. Training advice

No data available

16.7. Additional information

No data available

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Powder Hardener

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

1.1. Product identifier

Trade name/designation:

Powder Hardener

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

No data available

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

ATG GmbH & Co. KG

Traunsteiner Str. 7

83313 Siegsdorf

Germany

Telephone: +49 (0)8662 66080

Telefax: +49 (0)8662 660820

E-mail: sdb@atggmbh.com

Website: <https://www.atggmbh.com>

1.4. Emergency telephone number

(UK) England und Wales (NHS Direct), 24h: 111

(UK) Schottland (NHS 24), 24h: 111

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2. Label elements

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

According to EC directives or the corresponding national regulations the product does not have to be labelled.

Hazard statements: none

Supplemental hazard information: none

Precautionary statements: none

Special rules for supplemental label elements for certain mixtures:

100,0 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (oral).

100,0 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (dermal).

100,0 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (inhalative).

100,0 % percent of the mixture consists of components of unknown hazards to the aquatic environment.

2.3. Other hazards

No data available

SECTION 3: Composition/information on ingredients

3.1. Substances

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 9002-86-2	Poly(Vinyl Chloride) The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	60 - ≤ 100 weight-%

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Powder Hardener

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended.

Following inhalation:

Provide fresh air.

After eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Following ingestion:

Rinse mouth. Let 1 glass of water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell.

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

No known symptoms to date.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

No data available

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products:

In case of fire: Gases/vapours, toxic

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Avoid breathing dust/fume/gas/mist/vapours/spray. Remove persons to safety.

Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection.

6.1.2. For emergency responders

Personal protection equipment:

Personal protection equipment: see section 8

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For containment:

Collect spillage. Measures to prevent aerosol and dust generation Wet clean or vacuum up solids.

For cleaning up:

Water (with cleaning agent)

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

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6.5. Additional information

Use appropriate container to avoid environmental contamination.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Wear personal protection equipment (refer to section 8).

Measures to prevent aerosol and dust generation:

Dust should be exhausted directly at the point of origin.

Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

Storage class (TRGS 510, Germany): 12 - non-combustible liquids that cannot be assigned to any of the above storage classes

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
WEL (GB)	Poly(Vinyl Chloride) CAS No.: 9002-86-2	① 10 mg/m ³ ⑤ (inhalable fraction)
WEL (GB)	Poly(Vinyl Chloride) CAS No.: 9002-86-2	① 4 mg/m ³ ⑤ (respirable fraction)

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

No data available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No data available

8.2.2. Personal protection equipment

Eye/face protection:

Eye glasses with side protection EN 166

Skin protection:

Tested protective gloves must be worn EN ISO 374 Suitable material: Breakthrough time: min In the case of wanting to use the gloves again, clean them before taking off and air them well.

Respiratory protection:

Particle filter device (EN 143)

8.2.3. Environmental exposure controls

No data available

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Powder Hardener

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: solid

Colour: not determined

Odour: not determined

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

No data available

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

No data available

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity:

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

Acute dermal toxicity:

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

Acute inhalation toxicity:

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

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:

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 information:

No data available

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Powder Hardener

11.2. Information on other hazards

No data available

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Endocrine disrupting properties

No data available

12.7. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment options

Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.2. UN proper shipping name			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.3. Transport hazard class(es)			
not relevant	not relevant	not relevant	not relevant
14.4. Packing group			
not relevant	not relevant	not relevant	not relevant
14.5. Environmental hazards			
not relevant	not relevant	not relevant	not relevant
14.6. Special precautions for user			
not relevant	not relevant	not relevant	not relevant

14.7. Maritime transport in bulk according to IMO instruments

No data available

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Powder Hardener

SECTION 15: Regulatory information

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

No data available

15.2. Chemical Safety Assessment

No data available

SECTION 16: Other information

16.1. Indication of changes

No data available

16.2. Abbreviations and acronyms

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

16.3. Key literature references and sources for data

No data available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

No data available

16.6. Training advice

No data available

16.7. Additional information

No data available

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

1.1. Product identifier

Trade name/designation:

Reparaturmasse verschiedene Farben

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

No data available

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

ATG GmbH & Co. KG

Traunsteiner Str. 7

83313 Siegsdorf

Germany

Telephone: +49 (0)8662 66080

Telefax: +49 (0)8662 660820

E-mail: sdb@atggmbh.com

Website: <https://www.atggmbh.com>

1.4. Emergency telephone number

(UK) England und Wales (NHS Direct), 24h: 111

(UK) Schottland (NHS 24), 24h: 111

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Hazard classes and hazard categories	Hazard statements	Classification procedure
Hazardous to the aquatic environment (<i>Aquatic Chronic 3</i>)	H412: Harmful to aquatic life with long lasting effects.	Calculation method.

2.2. Label elements

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

According to EC directives or the corresponding national regulations the product does not have to be labelled.

Hazard statements for environmental hazards	
H412	Harmful to aquatic life with long lasting effects.

Supplemental hazard information: none

Precautionary statements Prevention	
P273	Avoid release to the environment.

Precautionary statements Disposal	
P501	Dispose of contents/container to an appropriate recycling or disposal facility.

Special rules for supplemental label elements for certain mixtures:

100,0 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (oral).

100,0 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (dermal).

100,0 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (inhalative).

97,6 % percent of the mixture consists of components of unknown hazards to the aquatic environment.

2.3. Other hazards

No data available

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Reparaturmasse verschiedene Farben

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 111381-89-6	Di(Heptyl, Nonyl) Phthalate, Branched and Linear The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	18 - < 35 weight-%
CAS No.: 111381-91-0	Di(Nonyl, Undecyl) Phthalate, Branched and Linear The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	18 - < 35 weight-%
CAS No.: 9002-86-2	Poly(Vinyl Chloride) The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	18 - < 35 weight-%
CAS No.: 85507-79-5	1,2-Benzenedicarboxylic Acid, Diundecyl Ester, Branched and Linear The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	18 - ≤ 30 weight-%
CAS No.: 111381-90-9	Di(Heptyl, Undecyl) Phthalate, Branched and Linear The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	18 - ≤ 30 weight-%
CAS No.: 68515-44-6	Diheptyl Phthalate, Branched and Linear The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	18 - ≤ 30 weight-%
CAS No.: 1328-53-6	C.I. Pigment Green 7 The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	2 - < 6 weight-%
CAS No.: 1317-61-9	Iron Oxide (Fe3O4) The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	2 - < 5 weight-%
CAS No.: 13463-67-7 EC No.: 236-675-5 Index No.: 022-006-00-2	Titanium dioxide Carc. 2 (H351) Warning	2 - < 5 weight-%
CAS No.: 147-14-8	C.I. Pigment Blue 15 The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	2 - < 5 weight-%
CAS No.: 2786-76-7	C.I. Pigment Red 170 The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	2 - < 5 weight-%
CAS No.: 6486-23-3	C.I. Pigment Yellow 3 The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	2 - < 5 weight-%

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended.

Following inhalation:

Provide fresh air.

Following ingestion:

Rinse mouth. Let 1 glass of water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell.

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

No data available

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

No data available

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products:

In case of fire: Gases/vapours, toxic

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Remove persons to safety.

Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection.

6.1.2. For emergency responders

Personal protection equipment:

Personal protection equipment: see section 8

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For containment:

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

6.5. Additional information

Use appropriate container to avoid environmental contamination.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Wear personal protection equipment (refer to section 8).

Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

Storage class (TRGS 510, Germany): 12 - non-combustible liquids that cannot be assigned to any of the above storage classes

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7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
WEL (GB)	Poly(Vinyl Chloride) CAS No.: 9002-86-2	① 10 mg/m ³ ⑤ (inhalable fraction)
WEL (GB)	Poly(Vinyl Chloride) CAS No.: 9002-86-2	① 4 mg/m ³ ⑤ (respirable fraction)
WEL (GB)	C.I. Pigment Green 7 CAS No.: 1328-53-6	① 0.2 mg/m ³ ⑤ (Smoke)
WEL (GB)	C.I. Pigment Green 7 CAS No.: 1328-53-6	① 1 mg/m ³ ② 2 mg/m ³ ⑤ (Dusts and mist calculated as Cu)
WEL (GB)	Titanium dioxide CAS No.: 13463-67-7 EC No.: 236-675-5	① 10 mg/m ³ ⑤ (inhalable fraction)
WEL (GB)	Titanium dioxide CAS No.: 13463-67-7 EC No.: 236-675-5	① 4 mg/m ³ ⑤ (respirable fraction)
WEL (GB)	C.I. Pigment Blue 15 CAS No.: 147-14-8	① 0.2 mg/m ³ ⑤ (Smoke)
WEL (GB)	C.I. Pigment Blue 15 CAS No.: 147-14-8	① 1 mg/m ³ ② 2 mg/m ³ ⑤ (Dusts and mist calculated as Cu)

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

No data available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No data available

8.2.2. Personal protection equipment

Eye/face protection:

Eye glasses with side protection EN 166

Skin protection:

Tested protective gloves must be worn EN ISO 374 Suitable material: Breakthrough time: min In the case of wanting to use the gloves again, clean them before taking off and air them well. Breakthrough times and swelling properties of the material must be taken into consideration.

8.2.3. Environmental exposure controls

No data available

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Reparaturmasse verschiedene Farben

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: Liquid

Colour: not determined

Odour: not determined

Safety relevant basis data

Parameter	Value	① Method ② Remark
pH	<i>not determined</i>	
Melting point	<i>not determined</i>	
Freezing point	<i>not determined</i>	
Initial boiling point and boiling range	<i>not determined</i>	
Decomposition temperature	<i>not determined</i>	
Flash point	440 °F	
Evaporation rate	<i>not determined</i>	
Auto-ignition temperature	<i>not determined</i>	
Upper/lower flammability or explosive limits	<i>not determined</i>	
Vapour pressure	<i>not determined</i>	
Vapour density	<i>not determined</i>	
Density	<i>not determined</i>	
Relative density	<i>not determined</i>	
Bulk density	<i>not determined</i>	
Water solubility	<i>not determined</i>	
Partition coefficient: n-octanol/water	<i>not determined</i>	
Dynamic viscosity	<i>not determined</i>	
Kinematic viscosity	<i>not determined</i>	

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

No data available

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

No data available

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity:

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

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Acute dermal toxicity:

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

Acute inhalation toxicity:

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

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:

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 information:

No data available

11.2. Information on other hazards

No data available

SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity:

Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Endocrine disrupting properties

No data available

12.7. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment options

Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

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Reparaturmasse verschiedene Farben

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.2. UN proper shipping name			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.3. Transport hazard class(es)			
not relevant	not relevant	not relevant	not relevant
14.4. Packing group			
not relevant	not relevant	not relevant	not relevant
14.5. Environmental hazards			
not relevant	not relevant	not relevant	not relevant
14.6. Special precautions for user			
not relevant	not relevant	not relevant	not relevant

14.7. Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

No data available

15.2. Chemical Safety Assessment

No data available

SECTION 16: Other information

16.1. Indication of changes

No data available

16.2. Abbreviations and acronyms

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

16.3. Key literature references and sources for data

No data available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
Hazardous to the aquatic environment (Aquatic Chronic 3)	H412: Harmful to aquatic life with long lasting effects.	Calculation method.

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Hazard statements	
H351	Suspected of causing cancer.

16.6. Training advice

No data available

16.7. Additional information

No data available

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Vinyl Adhesive

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

1.1. Product identifier

Trade name/designation:

Vinyl Adhesive

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

No data available

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

ATG GmbH & Co. KG

Traunsteiner Str. 7

83313 Siegsdorf

Germany

Telephone: +49 (0)8662 66080

Telefax: +49 (0)8662 660820

E-mail: sdb@atggmbh.com

Website: <https://www.atggmbh.com>

1.4. Emergency telephone number

(UK) England und Wales (NHS Direct), 24h: 111

(UK) Schottland (NHS 24), 24h: 111

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2. Label elements

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

According to EC directives or the corresponding national regulations the product does not have to be labelled.

Hazard statements: none

Supplemental hazard information: none

Precautionary statements: none

Special rules for supplemental label elements for certain mixtures:

97,7 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (oral).

100,0 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (dermal).

100,0 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (inhalative).

100,0 % percent of the mixture consists of components of unknown hazards to the aquatic environment.

2.3. Other hazards

No data available

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 108-05-4	Vinyl Acetate Substance with a community workplace exposure limit.	539 - < 100 weight-%

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Vinyl Adhesive

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended.

Following inhalation:

Provide fresh air.

Following ingestion:

Rinse mouth. Let 1 glass of water be drunk in little sips (dilution effect). Get medical advice/attention if you feel unwell.

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

No known symptoms to date.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

No data available

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products:

In case of fire: Gases/vapours, toxic

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Avoid breathing dust/fume/gas/mist/vapours/spray. Remove persons to safety.

Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection.

6.1.2. For emergency responders

Personal protection equipment:

Personal protection equipment: see section 8

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For containment:

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

6.5. Additional information

Use appropriate container to avoid environmental contamination.

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Vinyl Adhesive

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Wear personal protection equipment (refer to section 8).

Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

Storage class (TRGS 510, Germany): 12 - non-combustible liquids that cannot be assigned to any of the above storage classes

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
WEL (GB)	Acetaldehyde CAS No.: 75-07-0	① 20 ppm (37 mg/m ³) ② 50 ppm (92 mg/m ³)
IOELV (EU)	Vinyl Acetate CAS No.: 108-05-4	① 5 ppm (17.6 mg/m ³) ② 10 ppm (35.2 mg/m ³)
WEL (GB)	Vinyl Acetate CAS No.: 108-05-4	① 5 ppm (17.6 mg/m ³) ② 10 ppm (35.2 mg/m ³)

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

No data available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No data available

8.2.2. Personal protection equipment

Eye/face protection:

Eye glasses with side protection EN 166

Skin protection:

Tested protective gloves must be worn EN ISO 374 Suitable material: Breakthrough time: min In the case of wanting to use the gloves again, clean them before taking off and air them well. Breakthrough times and swelling properties of the material must be taken into consideration.

8.2.3. Environmental exposure controls

No data available

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Vinyl Adhesive

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: Liquid

Colour: not determined

Odour: not determined

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

No data available

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

No data available

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity:

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

Acute dermal toxicity:

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

Acute inhalation toxicity:

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

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:

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 information:

No data available

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11.2. Information on other hazards

No data available

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

Vinyl Acetate CAS No.: 108-05-4

Results of PBT and vPvB assessment: —

12.6. Endocrine disrupting properties

No data available

12.7. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment options

Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.2. UN proper shipping name			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.3. Transport hazard class(es)			
not relevant	not relevant	not relevant	not relevant
14.4. Packing group			
not relevant	not relevant	not relevant	not relevant
14.5. Environmental hazards			
not relevant	not relevant	not relevant	not relevant
14.6. Special precautions for user			
not relevant	not relevant	not relevant	not relevant

14.7. Maritime transport in bulk according to IMO instruments

No data available

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SECTION 15: Regulatory information

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

No data available

15.2. Chemical Safety Assessment

No data available

SECTION 16: Other information

16.1. Indication of changes

No data available

16.2. Abbreviations and acronyms

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

16.3. Key literature references and sources for data

No data available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

No data available

16.6. Training advice

No data available

16.7. Additional information

No data available