

**Safety Data Sheet**

according to UK REACH Regulation

**3070 Kunststoffrep. Klebstoff 25 ml AB Komponente A**

Revision date: 28.04.2021

Product code: 1400421\_1

Page 1 of 11

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

3070 Kunststoffrep. Klebstoff 25 ml AB Komponente A

UFI: GR19-59W6-300K-2W13

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

Adhesives, sealants

**1.3. Details of the supplier of the safety data sheet****Manufacturer**

|               |                            |                                  |
|---------------|----------------------------|----------------------------------|
| Company name: | TUNAP GmbH & Co. KG        |                                  |
| Street:       | Bürgermeister-Seidl-Str. 2 |                                  |
| Place:        | D-82515 Wolfratshausen     |                                  |
| Telephone:    | + 49 (0) 8171/1600 - 0     | Telefax: + 49 (0) 8171/1600 - 40 |
| E-mail:       | sdb@tunap.com              |                                  |
| Internet:     | www.tunap.com              |                                  |

**Supplier**

|               |   |
|---------------|---|
| Company name: | TUNAP (UK) Limited                      |
| Street:       | Unit 12 Tonbridge Trade Park, Ingot Way |
| Place:        | GB Tonbridge, Kent. TN9 1GN             |
| Telephone:    | +44 (0)1732 365163                      |
| E-mail:       | sdb@tunap.com                           |
| Internet:     | www.tunap.co.uk                         |

**1.4. Emergency telephone number:** 111 NHS (National Health Service)**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****GB CLP Regulation**

Eye Irrit. 2; H319

Full text of hazard statements: see SECTION 16.

**2.2. Label elements****GB CLP Regulation****Signal word:** Warning**Pictograms:****Hazard statements**

H319 Causes serious eye irritation.

**Precautionary statements**

|                |  |
|----------------|--|
| P280           | Wear eye protection/face protection.   |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P337+P313      | If eye irritation persists: Get medical advice/attention.  |

**SECTION 3: Composition/information on ingredients**

**Safety Data Sheet**

according to UK REACH Regulation

**3070 Kunststoffrep. Klebstoff 25 ml AB Komponente A**

Revision date: 28.04.2021

Product code: 1400421\_1

Page 2 of 11

**3.2. Mixtures****Relevant ingredients**

| CAS No     | Chemical name  |          |                  | Quantity    |
|------------|--|----------|------------------|-------------|
|            | EC No  | Index No | REACH No         |             |
|            | Classification (GB CLP Regulation)                           |          |                  |             |
| 102-60-3   | 1,1',1'',1'''-Ethylenedinitrilotetrapropan-2-ol              |          |                  | 25 - < 50 % |
|            | 203-041-4  |          | 01-2119552434-41 |             |
|            | Eye Irrit. 2; H319   |          |                  |             |
| 64852-22-8 | Glyceryl poly(oxypropylene)triamine                          |          |                  | 1 - < 3 %   |
|            | Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H315 H318 H412 |          |                  |             |

Full text of H and EUH statements: see section 16.

**Specific Conc. Limits, M-factors and ATE**

| CAS No   | EC No  | Chemical name                                   | Quantity    |
|----------|--|---|-------------|
|          | Specific Conc. Limits, M-factors and ATE             |   |             |
| 102-60-3 | 203-041-4  | 1,1',1'',1'''-Ethylenedinitrilotetrapropan-2-ol | 25 - < 50 % |
|          | dermal: LD50 = > 2000 mg/kg; oral: LD50 = 2890 mg/kg |   |             |

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

First aider: Pay attention to self-protection! Remove persons to safety. Never give anything by mouth to an unconscious person or a person with cramps.

**After inhalation**

Remove person to fresh air and keep comfortable for breathing. In all cases of doubt, or when symptoms persist, seek medical advice.

**After contact with skin**

Wash with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. In all cases of doubt, or when symptoms persist, seek medical advice.

**After contact with eyes**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of troubles or persistent symptoms, consult an ophthalmologist.

**After ingestion**

Do NOT induce vomiting. Observe risk of aspiration if vomiting occurs. Call a physician in any case!

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

Headache, nausea, dizziness, fatigue, skin irritation

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

Treat symptomatically. Call a POISON CENTER. Symptoms can occur only after several hours.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Water fog. Foam. Carbon dioxide (CO<sub>2</sub>). Extinguishing powder.

**Unsuitable extinguishing media**

High power water jet.

**5.2. Special hazards arising from the substance or mixture**

Incomplete combustion and thermolysis gases of different toxicity can occur. In the case of hydrocarbonaceous products such as CO, CO<sub>2</sub>, aldehydes and soot. These can be very dangerous if they are inhaled in high

**Safety Data Sheet**

according to UK REACH Regulation

**3070 Kunststoffrep. Klebstoff 25 ml AB Komponente A**

Revision date: 28.04.2021

Product code: 1400421\_1

Page 3 of 11

concentrations or in enclosed spaces.

**5.3. Advice for firefighters**

In case of fire and/or explosion do not breathe fumes. Move undamaged containers from immediate hazard area if it can be done safely. In case of fire: Wear self-contained breathing apparatus.

**Additional information**

Suppress gases/vapours/mists with water spray jet. 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****General advice**

Wear breathing apparatus if exposed to vapours/dusts/aerosols. Remove all sources of ignition. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Wear personal protection equipment.

**For non-emergency personnel**

First aider: Pay attention to self-protection!

**For emergency responders**

Fight fire with normal precautions from a reasonable distance.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers). Ensure all waste water is collected and treated via a waste water treatment plant.

**6.3. Methods and material for containment and cleaning up****For containment**

Prevent spread over a wide area (e.g. by containment or oil barriers).

**For cleaning up**

Clean contaminated articles and floor according to the environmental legislation.

**Other information**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Clean contaminated articles and floor according to the environmental legislation.

**6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Observe instructions for use.

Dust must be exhausted directly at the point of origin. Vapours/aerosols must be exhausted directly at the point of origin. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

When using do not eat, drink, smoke, sniff.

Wear personal protection equipment (refer to section 8).

**Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking.

**Advice on general occupational hygiene**

Avoid exposure. Wear suitable protective clothing. Draw up and observe skin protection programme.

**Further information on handling**

Avoid contact with skin and eyes.

**Safety Data Sheet**

according to UK REACH Regulation

**3070 Kunststoffrep. Klebstoff 25 ml AB Komponente A**

Revision date: 28.04.2021

Product code: 1400421\_1

Page 4 of 11

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed. Observe legal regulations and provisions.

**Hints on joint storage**

Do not store together with: Oxidizing agents. Pyrophoric or self-heating substances. Food and feedingstuffs.

**Further information on storage conditions**

Store in a cool dry place. Observe legal regulations and provisions.

**7.3. Specific end use(s)**

No information available.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****DNEL/DMEL values**

| CAS No                   | Substance                                       |                |          |                        |
|--------------------------|---|----------------|----------|------------------------|
| DNEL type                |   | Exposure route | Effect   | Value                  |
| 102-60-3                 | 1,1',1'',1'''-Ethylenedinitrilotetrapropan-2-ol |                |          |                        |
| Worker DNEL, long-term   |   | inhalation     | systemic | 29,4 mg/m <sup>3</sup> |
| Worker DNEL, long-term   |   | dermal         | systemic | 4,2 mg/kg bw/day       |
| Consumer DNEL, long-term |   | inhalation     | systemic | 8,7 mg/m <sup>3</sup>  |
| Consumer DNEL, long-term |   | dermal         | systemic | 2,5 mg/kg bw/day       |
| Consumer DNEL, long-term |   | oral           | systemic | 2,5 mg/kg bw/day       |

**PNEC values**

| CAS No   | Substance                                       |             |
|--|---|-------------|
| Environmental compartment                        |   | Value       |
| 102-60-3   | 1,1',1'',1'''-Ethylenedinitrilotetrapropan-2-ol |             |
| Freshwater                                       |   | 0,085 mg/l  |
| Freshwater (intermittent releases)               |   | 1,51 mg/l   |
| Marine water                                     |   | 0,009 mg/l  |
| Freshwater sediment                              |   | 0,193 mg/kg |
| Marine sediment                                  |   | 0,019 mg/kg |
| Micro-organisms in sewage treatment plants (STP) |   | 70 mg/l     |
| Soil   |   | 0,018 mg/kg |

**Additional advice on limit values**

- a no restriction
- b End of exposure or end of shift
- c at long-term exposure:
- d before next shift

blood (B)  
Urine (U)

**8.2. Exposure controls****Appropriate engineering controls**

If handled uncovered, arrangements with local exhaust ventilation have to be used.

**Individual protection measures, such as personal protective equipment**

**Safety Data Sheet**

according to UK REACH Regulation

**3070 Kunststoffrep. Klebstoff 25 ml AB Komponente A**

Revision date: 28.04.2021

Product code: 1400421\_1

Page 5 of 11

**Eye/face protection**

Suitable eye protection: Tightly sealed safety glasses.  
EN 166

**Hand protection**

Protect skin by using skin protective cream. When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Suitable material: NBR (Nitrile rubber) Breakthrough time: 480min  
Thickness of the glove material 0,45 mm  
EN ISO 374

**Skin protection**

Wear suitable protective clothing. Take off immediately all contaminated clothing and wash it before reuse.

**Respiratory protection**

Wear breathing apparatus if exposed to vapours/dusts/aerosols.  
When exceeding the relevant workplace exposure limits, note the following:  
Suitable respiratory protective equipment: Combination filter device (DIN EN 141)..  
Filtering device with filter or ventilator filtering device of type: B  
Observe the wear time limits as specified by the manufacturer.  
Observe legal regulations and provisions.

**Environmental exposure controls**

Observe legal regulations and provisions.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

|                 |        |
|-----------------|--------|
| Physical state: | liquid |
| Colour:         | brown  |
| Odour:          | liquid |

**Test method**

|   |  |
|---|--|
| Melting point/freezing point:                             | not determined   |
| Boiling point or initial boiling point and boiling range: | > 200 °C   |
| Flammability:   | not applicable   |
| Lower explosion limits:                                   | not applicable   |
| Upper explosion limits:                                   | not determined   |
| Flash point:  | 182 °C ISO 3679  |
| Auto-ignition temperature:                                | No information available.  |
| Decomposition temperature:                                | not determined   |
| pH-Value (at 20 °C):                                      | not determined DIN 19268   |
| Viscosity / kinematic:<br>(at 40 °C)                      | 819 mm <sup>2</sup> /s DIN EN ISO 3104   |
| Water solubility:   | The study does not need to be conducted because the substance is known to be insoluble in water. |
| Solubility in other solvents                              | not determined   |
| Partition coefficient n-octanol/water:                    | not determined   |
| Vapour pressure:  | not determined   |
| Density (at 20 °C):                                       | 0,98 g/cm <sup>3</sup> DIN 51757   |
| Relative vapour density:                                  | not determined   |

**Safety Data Sheet**

according to UK REACH Regulation

**3070 Kunststoffrep. Klebstoff 25 ml AB Komponente A**

Revision date: 28.04.2021

Product code: 1400421\_1

Page 6 of 11

**9.2. Other information****Information with regard to physical hazard classes****Explosive properties**

The product is not: Explosive.

**Sustaining combustion:**

No data available

**Self-ignition temperature**

Solid:

not applicable

Gas:

not applicable

**Oxidizing properties**

The product is not: oxidising.

**Other safety characteristics****Evaporation rate:**

not determined

**Solid content:**

not determined

**Sublimation point:**

No information available.

**Softening point:**

No information available.

**Pour point:**

No information available.

**Viscosity / dynamic:**

DIN 53019-1

**Flow time:**

DIN EN ISO 2431

(at 20 °C)

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No hazardous reaction when handled and stored according to provisions.

**10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

No known hazardous reactions.

**10.4. Conditions to avoid**

none

**10.5. Incompatible materials**

Oxidizing agents. Pyrophoric or self-heating substances.

**10.6. Hazardous decomposition products**

Incomplete combustion and thermolysis gases of different toxicity can occur. In the case of hydrocarbonaceous products such as CO, CO<sub>2</sub>, aldehydes and soot. These can be very dangerous if they are inhaled in high concentrations or in enclosed spaces.

**Further information**

Do not mix with other chemicals.

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in GB CLP Regulation****Toxicokinetics, metabolism and distribution**

There are no data available on the mixture itself.

**Acute toxicity**

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

**ATEmix calculated**

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

**Safety Data Sheet**

according to UK REACH Regulation

**3070 Kunststoffrep. Klebstoff 25 ml AB Komponente A**

Revision date: 28.04.2021

Product code: 1400421\_1

Page 7 of 11

| CAS No   | Chemical name                                   |                   |         |                     |                    |
|----------|---|-------------------|---------|---------------------|--------------------|
|          | Exposure route                                  | Dose              | Species | Source              | Method             |
| 102-60-3 | 1,1',1'',1'''-Ethylenedinitrilotetrapropan-2-ol |                   |         |                     |                    |
|          | oral  | LD50 2890 mg/kg   | Rat     | Study report (1982) | OECD Guideline 401 |
|          | dermal  | LD50 > 2000 mg/kg | Rat     | Study report (2002) | OECD Guideline 402 |

**Irritation and corrosivity**

Serious eye damage/eye irritation: Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

**Sensitising effects**

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

**Carcinogenic/mutagenic/toxic effects for reproduction**

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.

No indications of human carcinogenicity exist.

No indications of human germ cell mutagenicity exist.

No indications of human reproductive toxicity exist.

**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.

**Information on likely routes of exposure**

Ingestion, Inhalation, Skin contact, Eye contact.

Reference to other sections: 2.1, 4.2.

**Specific effects in experiment on an animal**

No information available.

**Additional information on tests**

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

**11.2. Information on other hazards****Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

**Other information**

No information available.

**SECTION 12: Ecological information****12.1. Toxicity**

The product is not: Ecotoxic.

**Safety Data Sheet**

according to UK REACH Regulation

**3070 Kunststoffrep. Klebstoff 25 ml AB Komponente A**

Revision date: 28.04.2021

Product code: 1400421\_1

Page 8 of 11

| CAS No   | Chemical name                                   |                  |          |           |                            |                        |                               |
|----------|---|------------------|----------|-----------|----------------------------|------------------------|-------------------------------|
|          | Aquatic toxicity                                | Dose             |          | [h]   [d] | Species                    | Source                 | Method                        |
| 102-60-3 | 1,1',1'',1'''-Ethylenedinitrilotetrapropan-2-ol |                  |          |           |                            |                        |                               |
|          | Acute fish toxicity                             | LC50<br>mg/l     | ca. 4600 | 96 h      | Leuciscus idus             | Study report<br>(1989) | other: DIN 38<br>412, Part 15 |
|          | Acute algae toxicity                            | ErC50<br>mg/l    | 150,67   | 72 h      | Desmodesmus<br>subspicatus | Study report<br>(2003) | EU Method C.3                 |
|          | Crustacea toxicity                              | NOEC<br>mg/l     | >= 10    | 21 d      | Daphnia magna              | Study report<br>(2005) | OECD Guideline<br>211         |
|          | Acute bacteria toxicity                         | EC50<br>mg/l ( ) | > 10000  | 3 h       | Activated sludge           | Study report<br>(2003) | EU Method C.11                |

**12.2. Persistence and degradability**

The product has not been tested.

**12.3. Bioaccumulative potential**

The product has not been tested.

**Partition coefficient n-octanol/water**

| CAS No   | Chemical name                                   | Log Pow |
|----------|---|---------|
| 102-60-3 | 1,1',1'',1'''-Ethylenedinitrilotetrapropan-2-ol | -2,08   |

**12.4. Mobility in soil**

The product has not been tested.

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

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

The product has not been tested.

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**12.7. Other adverse effects**

No information available.

**Further information**

Avoid release to the environment.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

**List of Wastes Code - residues/unused products**

080411 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); adhesive and sealant sludges containing organic solvents or other hazardous substances; hazardous waste

**List of Wastes Code - used product**

080411 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); adhesive and sealant sludges containing organic solvents or other hazardous substances; hazardous waste



**Safety Data Sheet**

according to UK REACH Regulation

**3070 Kunststoffrep. Klebstoff 25 ml AB Komponente A**

Revision date: 28.04.2021

Product code: 1400421\_1

Page 9 of 11

**List of Wastes Code - contaminated packaging**

080411 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); adhesive and sealant sludges containing organic solvents or other hazardous substances; hazardous waste

**Contaminated packaging**

Wash with plenty of water. Completely emptied packages can be recycled.

**SECTION 14: Transport information****Land transport (ADR/RID)**

|  |  |
|--|--|
| <b>14.1. UN number or ID number:</b>     | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

**Inland waterways transport (ADN)**

|  |  |
|--|--|
| <b>14.1. UN number or ID number:</b>     | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

**Marine transport (IMDG)**

|  |  |
|--|--|
| <b>14.1. UN number or ID number:</b>     | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

**Air transport (ICAO-TI/IATA-DGR)**

|  |  |
|--|--|
| <b>14.1. UN number or ID number:</b>     | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

No dangerous good in sense of this transport regulation.

**14.7. Maritime transport in bulk according to IMO instruments**

No dangerous good in sense of this transport regulation.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3

|   |                           |
|---|---------------------------|
| Directive 2010/75/EU on industrial emissions: | No information available. |
|---|---------------------------|

|  |                           |
|--|---------------------------|
| Directive 2004/42/EC on VOC in paints and varnishes: | No information available. |
|--|---------------------------|

|   |  |
|---|--|
| Information according to Directive 2012/18/EU (SEVESO III): | Not subject to 2012/18/EU (SEVESO III) |
|---|--|

**Additional information**

**Safety Data Sheet**

according to UK REACH Regulation

**3070 Kunststoffrep. Klebstoff 25 ml AB Komponente A**

Revision date: 28.04.2021

Product code: 1400421\_1

Page 10 of 11

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

**National regulatory information**

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D): 1 - slightly hazardous to water

**15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information****Changes**

This data sheet contains changes from the previous version in section(s): 1,2,6,11.

**Abbreviations and acronyms**

Skin Irrit: Skin irritation  
Eye Dam: Eye damage  
Eye Irrit: Eye irritation  
Aquatic Chronic: Chronic aquatic hazard  
CLP: Classification, labelling and Packaging  
REACH: Registration, Evaluation and Authorization of Chemicals  
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals  
UN: United Nations  
CAS: Chemical Abstracts Service  
DNEL: Derived No Effect Level  
DMEL: Derived Minimal Effect Level  
PNEC: Predicted No Effect Concentration  
ATE: Acute toxicity estimate  
LC50: Lethal concentration, 50%  
LD50: Lethal dose, 50%  
LL50: Lethal loading, 50%  
EL50: Effect loading, 50%  
EC50: Effective Concentration 50%  
ErC50: Effective Concentration 50%, growth rate  
NOEC: No Observed Effect Concentration  
BCF: Bio-concentration factor  
PBT: persistent, bioaccumulative, toxic  
vPvB: very persistent, very bioaccumulative  
ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)  
RID: Regulations concerning the international carriage of dangerous goods by rail  
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)  
IMDG: International Maritime Code for Dangerous Goods  
EmS: Emergency Schedules  
MFAG: Medical First Aid Guide  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organization  
MARPOL: International Convention for the Prevention of Marine Pollution from Ships  
IBC: Intermediate Bulk Container  
SVHC: Substance of Very High Concern  
For abbreviations and acronyms, see table at <http://abbrev.esdscom.eu>

**Safety Data Sheet**

according to UK REACH Regulation

**3070 Kunststoffrep. Klebstoff 25 ml AB Komponente A**

Revision date: 28.04.2021

Product code: 1400421\_1

Page 11 of 11

**Classification for mixtures and used evaluation method according to GB CLP Regulation**

|                    |                          |
|--------------------|--------------------------|
| Classification     | Classification procedure |
| Eye Irrit. 2; H319 | Calculation method       |

**Relevant H and EUH statements (number and full text)**

|      |  |
|------|--|
| H315 | Causes skin irritation.                            |
| H318 | Causes serious eye damage.                         |
| H319 | Causes serious eye irritation.                     |
| H412 | Harmful to aquatic life with long lasting effects. |

**Further Information**

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*