

SAFETY DATA SHEET

# UHU plus 5 min.epoxy (binder)

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

*Trade name:* UHU plus 5 min.epoxy (binder)  
*Product no.:* LIM9000

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

*Relevant identified uses of the substance or mixture:* Resin for adhesive systems  
Restricted to professional users.  
*Uses advised against :* None known.

### 1.3. Details of the supplier of the safety data sheet

*Company and address:* **Aktiv Guld A/S**  
Vallensbækvej 46  
2625 Vallensbæk  
Denmark  
+45 43 66 20 00  
<https://www.aktivguld.com/>  
*E-mail:* ag@aktivguld.com  
*Revision:* 03/09/2025  
*SDS Version:* 4.0  
*Date of previous version:* 08/08/2025 (4.0)

### 1.4. Emergency telephone number

Contact the poison hotline: +45 82 12 12 12 (24 hour service)  
See section 4 "First aid measures".

## SECTION 2: HAZARDS IDENTIFICATION

Classified according to Regulation (EC) No. 1272/2008 (CLP).

### 2.1. Classification of the substance or mixture

Skin Irrit. 2; H315, Causes skin irritation.  
Skin Sens. 1; H317, May cause an allergic skin reaction.  
Eye Irrit. 2; H319, Causes serious eye irritation.  
Aquatic Chronic 2; H411, Toxic to aquatic life with long lasting effects.

## 2.2. Label elements

*Hazard pictogram(s):*



*Signal word:*

Warning

*Hazard statement(s):*

Causes skin irritation. (H315)  
May cause an allergic skin reaction. (H317)  
Causes serious eye irritation. (H319)  
Toxic to aquatic life with long lasting effects. (H411)

*Precautionary statement(s):*

*General:*

Not applicable.

*Prevention:*

Avoid breathing mist/vapour. (P261)  
Contaminated work clothing should not be allowed out of the workplace. (P272)  
Wear face protection/protective gloves/protective clothing. (P280)

*Response:*

If skin irritation or rash occurs: Get medical advice/attention. (P333+P313)  
Take off contaminated clothing and wash it before reuse. (P362+P364)

*Storage:*

Not applicable.

*Disposal:*

Dispose of contents/container in accordance with local regulation. (P501)

*Hazardous substances:*

reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight  $\leq 700$ )

▼ *Additional labelling:*

## 2.3. Other hazards

*Additional warnings:*

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.  
This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. Mixtures

| Product/substance  | Identifiers   | % w/w   | Classification   | Note |
|--|---|---------|--|------|
| reaction product:<br>bisphenol-A-<br>(epichlorhydrin);epoxy<br>resin (number average<br>molecular weight $\leq$ 700) | CAS No.: 25068-38-6<br>EC No.: 500-033-5<br>REACH:<br>Index No.: 603-074-00-8 | 70-100% | Skin Irrit. 2, H315 (SCL: 5.00 %)<br>Skin Sens. 1, H317<br>Eye Irrit. 2, H319 (SCL: 5.00 %)<br>Aquatic Chronic 2, H411 |      |

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

### Other information

-

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

*General information:*

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

*Inhalation:*

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

*Skin contact:*

IF ON SKIN: Wash with plenty of water and soap. Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners. If skin irritation occurs: Get medical advice/attention.

*Eye contact:*

If in eyes: Flush eyes immediately with plenty of water or isotonic water (20-30 °C) for at least 5 minutes and continue until irritation stops. Remove contact lenses. Make sure to flush under upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

*Ingestion:*

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the

product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

*Burns:*

Not applicable.

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

Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact. Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.

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

If eye irritation persists: Get medical advice/attention.

If skin irritation or rash occurs: Get medical advice/attention.

#### **Information to medics**

Bring this safety data sheet or the label from this product.

### **SECTION 5: FIREFIGHTING MEASURES**

#### **5.1. Extinguishing media**

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.  
Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

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

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

#### **5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the chemical emergency services on 72 85 20 00 (24 h service) in order to obtain further advice.

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

#### **6.1. Personal precautions, protective equipment and emergency procedures**

Avoid direct contact with spilled substances.  
Contaminated areas may be slippery.

#### **6.2. Environmental precautions**

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

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

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local

regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

#### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

### SECTION 7: HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

#### 7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

*Recommended storage material:*

Always store in containers of the same material as the original container.

*Fire class:*

In accordance with the statutory order on flammable liquids the product is classified as a liquid of class IV, subclass 1 (1 storage unit = 250 liter).

*Storage conditions:*

No specific requirements.

*Incompatible materials:*

Amines

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

This product should only be used for applications quoted in section 1.2.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters

No substances are listed in the national list of substances with an occupational exposure limit.

##### DNEL

No data available.

##### PNEC

No data available.

#### 8.2. Exposure controls

Apply general control to prevent unnecessary exposure

|  |  |
|--|--|
| <i>General recommendations:</i>                  | Smoking, drinking and consumption of food is not allowed in the work area.             |
| <i>Exposure scenarios:</i>                       | There are no exposure scenarios implemented for this product.                          |
| <i>Exposure limits:</i>                          | Occupational exposure limits have not been defined for the substances in this product. |
| <i>Appropriate technical measures:</i>           | Apply standard precautions during use of the product. Avoid inhalation of vapours.     |
| <i>Hygiene measures:</i>                         | Take off contaminated clothing and wash it before reuse.                               |
| <i>Measures to avoid environmental exposure:</i> | Keep damming materials near the workplace. If possible, collect spillage during work.  |


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

*Generally:* Use only CE marked protective equipment.


#### *Respiratory Equipment:*

| Type                     | Class | Colour | Standards |  |
|--------------------------|-------|--------|-----------|--|
| No specific requirements |       |        |           |  |


#### *Skin protection:*

| Recommended                             | Type/Category | Standards |   |
|---|---------------|-----------|---|
| Dedicated work clothing should be worn. | -             | -         |  |

#### *Hand protection:*

| Material | Glove thickness (mm) | Breakthrough time (min.) | Standards                 |   |
|----------|----------------------|--------------------------|---------------------------|---|
| Nitrile  | 0,2                  | > 30                     | EN374-2, EN16523-1, EN388 |  |

#### *Eye protection:*

| Type  | Standards |   |
|---|-----------|---|
| Face shield alternatively safety glasses with side shields. | EN166     |  |

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

|                                    |                            |
|------------------------------------|----------------------------|
| <i>Physical state:</i>             | Liquid                     |
| <i>Colour:</i>                     | Colourless                 |
| <i>Odour / Odour threshold:</i>    | Amine                      |
| <i>pH:</i>                         | 6                          |
| <i>Density (g/cm<sup>3</sup>):</i> | 1.1595 (20 °C)             |
| <i>Kinematic viscosity:</i>        | 31700 mPa.s                |
| <i>Particle characteristics:</i>   | Does not apply to liquids. |

### Phase changes

|   |                            |
|---|----------------------------|
| <i>Melting point/Freezing point (°C):</i> | No data available.         |
| <i>Softening point/range (°C):</i>        | Does not apply to liquids. |
| <i>Boiling point (°C):</i>                | 200                        |
| <i>Vapour pressure:</i>                   | No data available.         |
| <i>Relative vapour density:</i>           | No data available.         |
| <i>Decomposition temperature (°C):</i>    | No data available.         |

### Data on fire and explosion hazards

|   |                    |
|---|--------------------|
| <i>Flash point (°C):</i>                        | 210                |
| <i>Flammability (°C):</i>                       | No data available. |
| <i>Auto-ignition temperature (°C):</i>          | No data available. |
| <i>Lower and upper explosion limit (% v/v):</i> | No data available. |

### Solubility

|  |                           |
|--|---------------------------|
| <i>Solubility in water:</i>                  | Insoluble (Ikke blandbar) |
| <i>n-octanol/water coefficient (LogKow):</i> | No data available.        |
| <i>Solubility in fat (g/L):</i>              | No data available.        |

### 9.2. Other information

|  |                    |
|--|--------------------|
| <i>Other physical and chemical parameters:</i> | No data available. |
| <i>Oxidizing properties:</i>                   | No data available. |

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

### 10.3. Possibility of hazardous reactions

None known.

#### **10.4. Conditions to avoid**

None known.

#### **10.5. Incompatible materials**

Amines

#### **10.6. Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

---

### **SECTION 11: TOXICOLOGICAL INFORMATION**

---

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

##### **Acute toxicity**

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

##### **Skin corrosion/irritation**

Causes skin irritation.

##### **Serious eye damage/irritation**

Causes serious eye irritation.

##### **Respiratory sensitisation**

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

##### **Skin sensitisation**

May cause an allergic skin reaction.

##### **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.

#### **11.2. Information on other hazards**

##### **Long term effects**

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

##### **Endocrine disrupting properties**

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

### Other information

None known.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Toxic to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

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

### 12.3. Bioaccumulative potential

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

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

### 12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

### 12.7. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste. (\*)

HP 4 - Irritant (skin irritation and eye damage)

HP 13 - Sensitising

HP 14 - Ecotoxic

Dispose of contents/container to an approved waste disposal plant.

Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

*EWC code:*

08 04 09\*

Waste adhesives and sealants containing organic solvents or other dangerous substances

*Waste group:*

Gr. H

Waste with low energy content

### Specific labelling

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Not applicable.

### Contaminated packing

*EWC code:*

15 02 02\*






Absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances


*Waste group:*

Gr. H

Waste with low energy content

## SECTION 14: TRANSPORT INFORMATION

|      | 14.1<br>UN / ID | 14.2<br>UN proper shipping name  | 14.3<br>Hazard class(es)   | 14.4<br>PG* | 14.5<br>Env** | Other<br>informat<br>ion:  |
|------|-----------------|--|--|-------------|---------------|--|
| ADR  | UN3082          | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (reaction product: bisphenol-A-(epichlorhydrin);epoxy resin (number average molecular weight ≤ 700)) | Transport hazard class: 9<br>Label: 9<br>Classification code: M6<br><br> | III         | Yes           | Limited quantities: 5 L<br>Tunnel restriction code: (-)<br>See below for additional information. |
| IMDG | UN3082          | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (reaction product: bisphenol-A-(epichlorhydrin);epoxy resin (number average molecular weight ≤ 700)) | Transport hazard class: 9<br>Label: 9<br>Classification code: M6<br><br> | III         | Yes           | Limited quantities: 5 L<br>EmS: F-A S-F<br>See below for additional information.                 |
| IATA | UN3082          | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (reaction product: bisphenol-A-(epichlorhydrin);epoxy resin (number average molecular weight ≤ 700)) | Transport hazard class: 9<br>Label: 9<br>Classification code: M6<br>  | III         | Yes           | See below for additional information.  |

|  | 14.1<br>UN / ID | 14.2<br>UN proper shipping name | 14.3<br>Hazard class(es)  | 14.4<br>PG* | 14.5<br>Env** | Other<br>informat<br>ion: |
|--|-----------------|---------------------------------|---|-------------|---------------|---------------------------|
|  |                 |                                 |  |             |               |                           |

\* Packing group

\*\* Environmental hazards

### Additional information

This product is within scope of the regulations of transport of dangerous goods. These substances when carried in single or combination packaging's containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 kg or less for solids, are not subject to any other provisions of ADR/IMDG/IATA provided the packaging's meet the general provisions of 4.1.1.1, 4.1.1.2, 4.1.1.4 - 4.1.1.8 (ADR, IMDG) / 5.0.2.4.1, 5.0.2.6.1.1, 5.0.2.8 (IATA).

-

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

### 14.6. Special precautions for user

Not applicable.

### 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

*Restrictions for application:*

Restricted to professional users.

People under the age of 18 shall not be exposed to this product.

*Demands for specific education:*

No specific requirements.

*SEVESO - Categories / dangerous substances:*

E2 - ENVIRONMENTAL HAZARDS, Qualifying quantity (lower-tier): 200 tonnes / (upper-tier): 500 tonnes

*Additional information:*

Not applicable.

*Sources:*

The Danish Working Environment Authority's executive order no. 1049 of 30 May 2021 on young people's work. Based on Council Directive 94/33 / EC

of 22 June 1994 on the protection of young people at work.  
Executive Order no. 372 of 25 April 2016 on control of the risk of major accidents with dangerous substances.  
Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).  
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

## 15.2. Chemical safety assessment

No

---

## SECTION 16: OTHER INFORMATION

---

### Full text of H-phrases as mentioned in section 3

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.

### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway  
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road  
ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
CAS = Chemical Abstracts Service  
CE = Conformité Européenne (European conformity)  
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
CSA = Chemical Safety Assessment  
CSR = Chemical Safety Report  
DMEL = Derived Minimal Effect Level  
DNEL = Derived No Effect Level  
EINECS = European Inventory of Existing Commercial chemical Substances  
ES = Exposure Scenario  
EUH statement = CLP-specific Hazard statement  
EuPCS = European Product Categorisation System  
EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
GWP = Global warming potential  
IARC = International Agency for Research on Cancer (IARC)  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SCL = A specific concentration limit  
SVHC = Substances of Very High Concern  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TWA = Time weighted average  
UN = United Nations  
UVBC = Unknown or variable composition, complex reaction products or of biological materials  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

### **Additional information**

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

The classification of the substance/mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

### **The safety data sheet is validated by**

Aktiv Guld A/S

### **Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product.

Information in this safety data sheet cannot be used as a product specification.

Country-language: DK-en