

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

Printing date 23.06.2025

Version number 1

Revision: 09.05.2025

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

- **1.1 Product identifier**
  - **Trade name:** **HTK Ultra Bond® 100**
  - **UFI:** Y300-P0GY-Y00F-GQA8
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
  - **Application of the substance / the mixture**  
Professional use:  
Epoxy resin adhesive  
Sealants  
Coating agent
  - **Uses advised against** Consumer Uses
- **1.3 Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier:**  
HTK Hamburg GmbH  
Oehleckerring 32  
D-22419 Hamburg  
Germany  
Tel: +49 40 - 600 38 38 - 0  
Fax: +49 40 - 600 38 38 - 99  
info@htk-hamburg.com
  - **Informing department:** Customer service: Tel. +49 40 - 600 38 38 - 0
- **1.4 Emergency telephone number:**  
Gift-Informationszentrum Nord, Göttingen  
Poison Information Center, Göttingen  
Tel.: +49 (0)551 19240  
(German and English only)

**SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
  - **Classification according to Regulation (EC) No 1272/2008**



GHS08 health hazard

Carc. 1B                      H350 May cause cancer.



GHS09 environment

Aquatic Acute 1            H400 Very toxic to aquatic life.

Aquatic Chronic 2        H411 Toxic to aquatic life with long lasting effects.



GHS07

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Skin Irrit. 2      H315 Causes skin irritation.  
 Eye Irrit. 2      H319 Causes serious eye irritation.  
 Skin Sens. 1      H317 May cause an allergic skin reaction.

**2.2 Label elements****· Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

**· Hazard pictograms**

GHS07   GHS08   GHS09

**· Signal word** Danger**· Hazard-determining components of labelling:**reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight  $\leq 700$ )  
diuron**· Hazard statements**

H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H317 May cause an allergic skin reaction.  
 H350 May cause cancer.  
 H410 Very toxic to aquatic life with long lasting effects.

**· Precautionary statements**

P202      Do not handle until all safety precautions have been read and understood.  
 P261      Avoid breathing mist/vapours/spray.  
 P280      Wear protective gloves/protective clothing/eye protection/face protection.  
 P302+P352      IF ON SKIN: Wash with plenty of 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.  
 P308+P313      IF exposed or concerned: 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.  
 P391      Collect spillage.  
 P405      Store locked up.  
 P501      Dispose of contents and/or container as hazardous waste in accordance with applicable regulations.

**· Additional information:**

Please refer to further labelling elements in section 15 of this safety data sheet, if applicable.  
 Restricted to professional users.  
 Contains epoxy constituents. May produce an allergic reaction.

**· 2.3 Other hazards****· Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

**· Determination of endocrine-disrupting properties**

The product contains substances suspected of having endocrine disrupting properties (environmental effect) (List II and List III).

330-54-1   diuron

List II

EU

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### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

· **Description:** Mixture of the substances listed below including additives not requiring identification.

#### · **Dangerous components:**

CAS: 25068-38-6 NLP: 500-033-5 Index number: 603-074-00-8 Reg.nr.: 01-2119456619-26-X	reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight $\leq 700$ ) ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317, EUH205 Specific concentration limits: Eye Irrit. 2; H319: C $\geq 5$ % Skin Irrit. 2; H315: C $\geq 5$ %	50 - 100%
CAS: 330-54-1 EINECS: 206-354-4 Index number: 006-015-00-9 Reg.nr.: 01-2119517622-45-X	diuron ⚠ Carc. 1B, H350; STOT RE 2, H373; ⚠ Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100)	$\geq 0.25$ - $\leq 1\%$

· **Additional information** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### · **General information**

Personal protection for the First Aider.

It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

##### · **After inhalation**

Provide fresh air. Keep victims quiet and warm.

If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

Do not use mouth to mouth or mouth to nose resuscitation.

Use a respiration bag or breathing device.

Consult a doctor.

Loosen tight-fitting items of clothing (e.g. collar, tie, belt or waistband).

##### · **After skin contact**

Remove contaminated clothing immediately.

After skin contact take special care of product remains sticking between skin and clothing.

Instantly wash with water and soap and rinse thoroughly.

Wash contaminated clothing before re-use.

Contaminated leather, particularly footwear, must be discarded.

##### · **After eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Remove contact lenses if possible.

##### · **After swallowing**

Rinse out mouth and then drink plenty of water.

Never give anything by mouth to unconscious person.

Avoid vomiting.

A person vomiting while lying on their back should be turned onto their side.

Call a doctor immediately.

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

No further relevant information available.

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- **4.3 Indication of any immediate medical attention and special treatment needed**  
A symptomatic therapy is to be induced.

## SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
  - **Suitable extinguishing agents** Use fire fighting measures that suit the environment.
  - **For safety reasons unsuitable extinguishing agents** None known.
- **5.2 Special hazards arising from the substance or mixture**  
Inhalation of combustion gases may cause serious health hazards.  
During incomplete combustion carbon monoxide can be formed.
- **5.3 Advice for firefighters**
  - **Protective equipment:**  
In case of fire wear breathing equipment being independent of ambient air and suit provided full protection against chemicals.
  - **Additional information**  
Remove goods in stock from incendiary zone, if possible.  
Collect contaminated fire fighting water separately. It must not enter drains. Provide sufficient fire fighting water retention.  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

## SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Clear the danger zone.  
Ensure adequate ventilation
  - **For non-emergency personnel**  
Evacuate personnel to safe area.  
Avoid contact with the product.  
Avoid breathing vapour or mist.  
Immediately contact emergency personnel.
  - **For emergency responders** Put on suitable personal protective equipment.
- **6.2 Environmental precautions:**  
Do not allow to enter drainage system, ground/soil and water bodies.  
Inform respective authorities in case product reaches water or sewage system.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, universal binders) and disposal in suitable containers.  
Dispose of the material collected according to regulations.  
Complete cleaning with water.  
Ensure adequate ventilation.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment.  
See Section 13 for information on disposal.

## SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.

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- **Information about protection against explosions and fires:** No special measures required.

- **Handling**

Do not eat or drink while working.  
 Avoid contact with the eyes and skin.  
 Take off all contaminated clothing immediately.  
 Wash contaminated clothing before re-use.  
 Wash hands during breaks and at the end of the work.  
 Do not store food in the working area.  
 Do not inhale gases / fumes / aerosols.

- **7.2 Conditions for safe storage, including any incompatibilities**

- **Storage**

- **Requirements to be met by storerooms and containers:** No special requirements.

- **Information about storage in one common storage facility:**

Keep away from food, drink and animal feeding stuffs.  
 Keep away from strong oxidizing, alkalis and acidic materials.

- **Further information about storage conditions:** Keep container tightly sealed.

- **7.3 Specific end use(s)** No further relevant information available.

## SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**

- **Components with limit values that require monitoring at the workplace:**

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

- **DNELs**

### 25068-38-6 reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700)

Oral	DNEL (consumer, short-term, systemic)	0.75 mg/kg bw/day (human)
	DNEL (consumer, long-term, systemic)	0.75 mg/kg bw/day (human)
Dermal	DNEL (worker, short-term, systemic)	8.33 mg/kg bw/day (human)
	DNEL (worker, long-term, systemic)	8.33 mg/kg bw/day (human)
	DNEL (consumer, short-term, systemic)	3.571 mg/kg bw/day (human)
	DNEL (consumer, long-term, systemic)	3.571 mg/kg bw/day (human)
Inhalative	DNEL (worker, short-term, systemic)	12.25 mg/m³ (human)
	DNEL (worker, long-term, systemic)	12.25 mg/m³ (human)

### 330-54-1 diuron

Dermal	DNEL (worker, long-term, systemic)	5.79 mg/kg bw/day (human)
Inhalative	DNEL (worker, long-term, systemic)	0.17 mg/m³ (human)

- **PNECs**

### 25068-38-6 reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700)

PNEC aqua (fresh water)	0.006 mg/L (.)
PNEC Water (marine water)	0.0006 mg/L (.)
PNEC STP - Sewage Treatment Plant	10 mg/L (.)
PNEC soil	0.196 mg/kg soil dw (.)
PNEC sediment (fresh water)	0.996 mg/kg sedim. dw (.)

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PNEC sediment (marine water)	0.0996 mg/kg sedim. dw (.)
PNEC aqua (intermittent releases)	0.018 mg/L (.)
PNEC oral	11 mg/kg food (.)
<b>330-54-1 diuron</b>	
PNEC aqua (fresh water)	0.00032 mg/L (.)
PNEC Water (marine water)	0.000032 mg/L (.)
PNEC STP - Sewage Treatment Plant	58 mg/L (.)
PNEC sediment (fresh water)	0.052 mg/kg sedim. dw (.)
PNEC sediment (marine water)	0.005 mg/kg sedim. dw (.)

· **Additional information:** The lists that were valid during the compilation were used as basis.

### · 8.2 Exposure controls

#### · **Appropriate engineering controls**

Ensure adequate ventilation, especially in closed rooms.

Recirculation of the extracted air is not permitted.

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

##### · **General protective and hygienic measures**

Keep away from foodstuffs, beverages and food.

Take off all contaminated clothing immediately.

Wash hands during breaks and at the end of the work.

Avoid contact with the eyes and skin.

##### · **Breathing equipment:**

In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.

##### · **Hand protection**



Protective gloves.

Only use chemical-protective gloves with CE-labelling of category III (EN 374).

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

##### · **Material of gloves**

Nitrile rubber, NBR

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

##### · **Penetration time of glove material**

With a lamination strength of 0,11 mm the permeation time is > 480 min.

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

##### · **Eye/face protection**



Safety goggles according to EN 166.

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· **Body protection:**

Protective work clothing.

- **Risk management measures** Portable emergency eyewash bottle is recommended.

## SECTION 9: Physical and chemical properties

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

· **General Information**

- |   |  |
|---|--|
| · <b>Physical state</b>   | Liquid   |
| · <b>Colour:</b>  | Beige  |
| · <b>Odour:</b>   | Light  |
| · <b>Odour threshold:</b>   | Not determined.  |
| · <b>Melting point/freezing point:</b>                            | Not determined   |
| · <b>Boiling point or initial boiling point and boiling range</b> | > 320 °C (25068-38-6 reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700))     |
| · <b>Flammability</b>   | Not applicable.  |
| · <b>Lower and upper explosion limit</b>                          |  |
| · <b>Lower:</b>   | Not determined.  |
| · <b>Upper:</b>   | Not determined.  |
| · <b>Flash point:</b>   | 264 - 268 °C (25068-38-6 reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700)) |
| · <b>Auto-ignition temperature:</b>                               | > 370 °C (7631-86-9 silicon dioxide, chemically prepared)  |
| · <b>Decomposition temperature:</b>                               | Not determined.  |
| · <b>SADT</b>   |  |
| · <b>pH</b>   | Not determined.  |
| · <b>Viscosity:</b>   |  |
| · <b>Kinematic viscosity</b>                                      | Not determined.  |
| · <b>dynamic:</b>   | Not determined.  |
| · <b>Solubility</b>   |  |
| · <b>Water:</b>   | Not miscible or difficult to mix   |
| · <b>Partition coefficient n-octanol/water (log value)</b>        | Not determined.  |
| · <b>Vapour pressure at 25 °C:</b>                                | 0 hPa (25068-38-6 reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700))        |
| · <b>Density and/or relative density</b>                          |  |
| · <b>Density at 20 °C</b>   | 1.42 g/cm <sup>3</sup>   |
| · <b>Relative density</b>   | Not determined.  |
| · <b>Vapour density</b>   | Not determined.  |
| · <b>Particle characteristics</b>                                 | No further details.  |

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### · 9.2 Other information

#### · Appearance:

##### · Form:

Pasty

#### · Important information on protection of health and environment, and on safety.

##### · Self-inflammability:

Product is not selfigniting.

##### · Explosive properties:

Product is not explosive.

##### · VOC EU

##### · Solids content:

28 - &lt; 61 %

#### · Change in condition

##### · Evaporation rate

Not determined.

### · Information with regard to physical hazard classes

#### · Explosives

Void

#### · Flammable gases

Void

#### · Aerosols

Void

#### · Oxidising gases

Void

#### · Gases under pressure

Void

#### · Flammable liquids

Void

#### · Flammable solids

Void

#### · Self-reactive substances and mixtures

Void

#### · Pyrophoric liquids

Void

#### · Pyrophoric solids

Void

#### · Self-heating substances and mixtures

Void

#### · Substances and mixtures, which emit flammable gases in contact with water

Void

#### · Oxidising liquids

Void

#### · Oxidising solids

Void

#### · Organic peroxides

Void

#### · Corrosive to metals

No statement can be made on this point due to a lack of studies on the product.

Void

#### · Desensitised explosives

Void

## SECTION 10: Stability and reactivity

### · 10.1 Reactivity No further relevant information available.

### · 10.2 Chemical stability

The product is stable under normal handling and storage conditions (see section 7).

#### · Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

### · 10.3 Possibility of hazardous reactions No dangerous reactions known

### · 10.4 Conditions to avoid No further relevant information available.

### · 10.5 Incompatible materials:

To avoid exothermic reactions, keep away from strongly acid or alkaline materials and any oxidizing agents.

### · 10.6 Hazardous decomposition products:

None in case of intended use and storage in compliance with instructions.

EU

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### SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values that are relevant for classification:**

**25068-38-6 reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight  $\leq$  700)**

Oral	LD50	> 2,000 mg/kg (Rat) (OECD 420)
		19,800 mg/kg (rabbit)
Dermal	LD50	> 23,000 mg/kg (rabbit)

**330-54-1 diuron**

Oral	LD50	4,150 mg/kg (Rat) (OECD 401)
Dermal	LD50	> 5,000 mg/kg (Rat) (OECD 402)

- **Primary irritant effect:**
- **Skin corrosion/irritation**  
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.
- **Carcinogenicity** May cause cancer.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**

- **Repeated dose toxicity**

**25068-38-6 reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight  $\leq$  700)**

Oral	NOAEL (90d)	50 mg/kg bw/day (Rat) (OECD 408)
Dermal	NOAEL (90d)	100 mg/kg bw/day (mouse) (OECD 411)

- **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**  
Carc. 1B

- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

330-54-1	diuron	List II
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### SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

**25068-38-6 reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight  $\leq$  700)**

EC50 (static)	2.7 mg/l/48h (Daphnia magna) (EPA-660/3-75-009)
LC50	220 mg/l/96h (Algae)
	1.75 mg/l/96h (Oncorhynchus mykiss) (OECD 203)

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**330-54-1 diuron**

EC50 (static)	1.4 mg/l/48h (Daphnia magna) (OECD 202)
LC50 (static)	14.7 mg/l/96h (Oncorhynchus mykiss) (OECD 203)
NOEC (static)	0.0032 mg/l/72h (Desmodesmus subspicatus) (OECD 201)

- **12.2 Persistence and degradability** No further relevant information available.
- **Other information:** There are no data available about the preparation.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
  - **PBT:** Not applicable.
  - **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**  
For information on endocrine disrupting properties see section 11.
- **12.7 Other adverse effects** No further relevant information available.
- **Additional ecological information:**
  - **General notes:**  
Water danger class 3 (German Regulation) (Self-assessment): extremely hazardous for water.  
Do not allow product to reach ground water, water bodies or sewage system, even in small quantities.  
Danger to drinking water if even extremely small quantities leak into soil.  
Also poisonous for fish and plankton in water bodies.  
Toxic for aquatic organisms

**SECTION 13: Disposal considerations**

- **13.1 Waste treatment methods**
- **Recommendation**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.  
Unused product has to be disposed as special waste.  
The waste code numbers mentioned are recommendations based on the probable use of the product.

**European waste catalogue**

07 00 00	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 02 00	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 08*	other still bottoms and reaction residues
08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 04 00	wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 09*	waste adhesives and sealants containing organic solvents or other hazardous substances
HP4	Irritant - skin irritation and eye damage
HP7	Carcinogenic
HP13	Sensitising
HP14	Ecotoxic

- **Uncleaned packagings:**
- **Recommendation:**  
Dispose of packaging according to regulations on the disposal of packagings.

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Non contaminated packagings can be used for recycling.  
Packagings that cannot be cleaned are to be disposed of in the same manner as the product.

### SECTION 14: Transport information

· **14.1 UN number or ID number**

· **ADR/RID, IMDG, IATA** UN3082

· **14.2 UN proper shipping name**

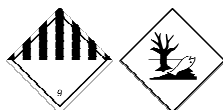
· **ADR/RID** 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN)

· **IMDG** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN, diuron), MARINE POLLUTANT

· **IATA** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN)

· **14.3 Transport hazard class(es)**

· **ADR/RID**



· **Class** 9 (M6) Miscellaneous dangerous substances and articles.

· **Label** 9

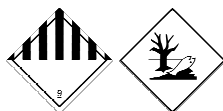
· **IMDG**



· **Class** 9 Miscellaneous dangerous substances and articles.

· **Label** 9

· **IATA**



· **Class** 9 Miscellaneous dangerous substances and articles. Not Restricted.

· **Label** 9

· **14.4 Packing group**

· **ADR/RID, IMDG, IATA** III

· **14.5 Environmental hazards:**

· **Marine pollutant:** Symbol (fish and tree)

· **Special marking (ADR/RID):** Symbol (fish and tree)

· **Special marking (IATA):** Symbol (fish and tree)

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<ul style="list-style-type: none"> <li>· <b>14.6 Special precautions for user</b></li> <li>· <b>Kemler Number:</b></li> <li>· <b>EMS Number:</b></li> <li>· <b>Stowage Category</b></li> </ul>	Warning: Miscellaneous dangerous substances and articles. 90 F-A,S-F A
<ul style="list-style-type: none"> <li>· <b>14.7 Maritime transport in bulk according to IMO instruments</b></li> </ul>	Not applicable.
<ul style="list-style-type: none"> <li>· <b>Transport/Additional information:</b></li> </ul>	
<ul style="list-style-type: none"> <li>· <b>ADR/RID</b></li> <li>· <b>Limited quantities (LQ)</b></li> <li>· <b>Excepted quantities (EQ)</b></li> </ul>	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
<ul style="list-style-type: none"> <li>· <b>Transport category</b></li> <li>· <b>Tunnel restriction code</b></li> </ul>	3 (-)
<ul style="list-style-type: none"> <li>· <b>IMDG</b></li> <li>· <b>Limited quantities (LQ)</b></li> <li>· <b>Excepted quantities (EQ)</b></li> </ul>	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
<ul style="list-style-type: none"> <li>· <b>UN "Model Regulation":</b></li> </ul>	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN), 9, III

## SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
  - **Named dangerous substances - ANNEX I** None of the ingredients is listed.
  - **Seveso category** E1 Hazardous to the Aquatic Environment
  - **Qualifying quantity (tonnes) for the application of lower-tier requirements** 100 t
  - **Qualifying quantity (tonnes) for the application of upper-tier requirements** 200 t
- **REGULATION (EC) No 1907/2006 ANNEX XVII**  
Taking into account the intended use as specified in section 1, the relevant entries from Annex XVII are carried out.  
Conditions of restriction: 3

· <b>Regulation (EU) No 649/2012</b>		
330-54-1	diuron	Annex I Part 1 Annex I Part 2
· <b>DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II</b>		
None of the ingredients is listed.		

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# Safety data sheet

## according to Regulation (EC) No 1907/2006, Article 31

Printing date 23.06.2025

Version number 1

Revision: 09.05.2025

**Trade name: HTK Ultra Bond® 100**

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· **REGULATION (EU) 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

· **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

· **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

· **National regulations**

· **Water hazard class:** Water danger class 3 (Self-assessment): extremely hazardous for water.

· **Substances of very high concern (SVHC) according to REACH, Article 57**

None of the ingredients is contained.

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

## SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This safety data sheet meets the requirements of Regulation (EU) 2015/830 and 2020/878 amending Annex II of Regulation (EC) 1907/2006.

This data sheet takes into account the labelling requirements of Regulation (EU) 2024/197 adapting Regulation (EC) No 1272/2008 (21st ATP of the CLP Regulation).

· **Relevant phrases**

The phrases specified here are no labelling elements for the product but repeat the properties of the ingredients from section 3.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H350 May cause cancer.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

EUH205 Contains epoxy constituents. May produce an allergic reaction.

· **Classification according to Regulation (EC) No 1272/2008** Calculation method

· **Department issuing data specification sheet:**



This Safety Data Sheet has been drawn up in cooperation with:  
DEKRA Assurance Services GmbH, Hanomagstr. 12, D-30449 Hanover, Germany,  
phone: (+49) 511 42079 - 0, reach@dekra.com.

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· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

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IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
DNEL: Derived No-Effect Level (REACH)  
PNEC: Predicted No-Effect Concentration (REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
SVHC: Substances of Very High Concern  
vPvB: very Persistent and very Bioaccumulative  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
Skin Sens. 1: Skin sensitisation – Category 1  
Carc. 1B: Carcinogenicity – Category 1B  
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2  
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1  
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1  
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

EU