



# NECURON® K13 COMPONENT A

ADHESIVE

SAFETY DATA SHEET ACCORDING TO COMMISSION REGULATION (EU)  
453/2010

Page 1

## Section 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

**Product name:** NECURON® K13 Component A

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

#### Use of substance / mixture:

PC1: Adhesives, sealants. PC9a: Coatings and paints, thinners, paint removers. PC9b: Fillers, putties, plasters, modelling clay. PC32: Polymer preparations and compounds. PROC1: Use in closed process, no likelihood of exposure PROC2: Use in closed, continuous process with occasional controlled exposure PROC3: Use in closed batch process (synthesis or formulation) PROC4: Use in batch and other process (synthesis) where opportunity for exposure arises PROC5: Mixing or blending in batch processes for formulation of preparations\* and articles (multistage and/or significant contact) PROC8a: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities PROC8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities PROC9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing) PROC10: Roller application or brushing PROC13: Treatment of articles by dipping and pouring PROC19: Hand-mixing with intimate contact and only PPE available ERC2: Formulation of preparations\* ERC3: Formulation in materials ERC5: Industrial use resulting in inclusion into or onto a matrix ERC6d: Industrial use of process regulators for polymerisation processes in production of resins, rubbers, polymers

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

#### Company name:

NECUMER GmbH  
Industriestraße 26  
49163 Bohmte  
Germany  
Tel: +49 (0) 5471 95020  
Fax: +49 (0) 5471 950299  
Email: [info@necumer.de](mailto:info@necumer.de)

### 1.4. Emergency telephone number

**Emergency tel:** +49 (0) 5471 95020  
(office hours only)

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification under CLP:

Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Asp. Tox. 1: H304; Eye Irrit. 2: H319; -: EUH208

#### Most important adverse effects:

Contains fatty acids, c-18, unsatd. trimers, compd. with 9-octadecen-1-amine, (z)-, fatty acids, tall-oil, compds. with oleylamine. May produce an allergic reaction. May be fatal if swallowed and enters airways. Causes serious eye irritation. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

### 2.2. Label elements



# NECURON® K13 COMPONENT A

ADHESIVE

Page 2

SAFETY DATA SHEET ACCORDING TO COMMISSION REGULATION (EU)  
453/2010

## Label elements:

### Hazard statements:

EUH208: Contains fatty acids, c-18, unsatd. trimers, compd. with 9-octadecen-1-amine, (z)-, fatty acids, tall-oil, compds. with oleylamine. May produce an allergic reaction.

H304: May be fatal if swallowed and enters airways.

H319: Causes serious eye irritation.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

### Hazard pictograms:

GHS07: Exclamation mark

GHS08: Health hazard

GHS09: Environmental



**Signal words:** Danger

**Precautionary statements:** P264: Wash hands thoroughly after handling.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P331: Do NOT induce vomiting.

## 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients::

#### 1,1',1'',1'''-ETHYLENEDINITRILOTETRAPROPAN-2-OL

EINECS	CAS	PBT / WEL	Einstufung (CLP)	Prozent
203-041-4	102-60-3	-	Eye Irrit. 2: H319	25-50%

#### DIISOPROPYLNAPHTHALENE ISOMERS - REACH registered number(s):: 01-2119565150-48

254-052-6	38640-62-9	-	Asp. Tox. 1: H304; Aquatic Chronic 1: H410	25-50%
-----------	------------	---	--	--------

#### DIPROPYLENEGLYCOL DIBENZOATE - REACH registered number(s):: 01-2119529241-49

248-258-5	27138-31-4	-	Aquatic Chronic 3: H412	1-25%
-----------	------------	---	----------------------------	-------

#### 2-METHOXY-1-METHYLETHYLACETAT - REACH registered number(s):01-2119475791-29

203-603-9	108-65-6	Substance with a Community workplace exposure limit.	Flam. Liq. 3: H226	1-25%
-----------	----------	---	--------------------	-------



# NECURON® K13 COMPONENT A

ADHESIVE

SAFETY DATA SHEET ACCORDING TO COMMISSION REGULATION (EU)  
453/2010

Page 3

## FATTY ACIDS, C-18, UNSATD. TRIMERS, COMPD. WITH 9-OCTADECEN-1-AMINE, (Z)-

604-612-4	47900-93-4	-	Skin Sens. 1B: H317; STOT RE 1: H372; Aquatic Chronic 2: H411	0.05-1%
-----------	------------	---	--	---------

## FATTY ACIDS, TALL-OIL, COMPD. WITH OLEYLAMINE

288-315-1	85711-55-3	-	Skin Sens. 1B: H317	0.05-1%
-----------	------------	---	------------------------	---------

### Section 4: First aid measures

#### 4.1. Description of first aid measures

**Skin contact:**

Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Consult a doctor.

**Eye contact:**

Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:**

Wash out mouth with water. Do not induce vomiting. Consult a doctor.

**Inhalation:**

Remove casualty from exposure ensuring one's own safety whilst doing so. Move to fresh air in case of accidental inhalation of vapours. If unconscious and breathing is OK, place in the recovery position. Consult a doctor.

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

**Skin contact:**

There may be irritation and redness at the site of contact.

**Eye contact:**

There may be irritation and redness.

**Ingestion:**

Nausea and stomach pain may occur.

**Inhalation:**

There may be a feeling of tightness in the chest with shortness of breath. Exposure may cause coughing or wheezing.

**Delayed / immediate effects:**

Immediate effects can be expected after short-term exposure.

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

**Immediate / special treatment:**

Show this safety data sheet to the doctor in attendance.

### Section 5: Fire-fighting measures

#### 5.1. Extinguishing media

**Extinguishing media:**

Suitable extinguishing media for the surrounding fire should be used.

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

**Exposure hazards:**

In combustion emits toxic fumes.



# NECURON® K13 COMPONENT A

ADHESIVE

SAFETY DATA SHEET ACCORDING TO COMMISSION REGULATION (EU)  
453/2010

## 5.3. Advice for fire-fighters

### Advice for fire-fighters:

Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.

## Section 6: Accidental release measures

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

#### Personal precautions:

Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

### 6.2. Environmental precautions

#### Environmental precautions:

Do not discharge into drains or rivers. Contain the spillage using bunding.

### 6.3. Clean-up procedures:

Mix with sand or vermiculite. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Clean-up should be dealt with only by qualified personnel familiar with the specific substance.

### 6.4. Reference to other sections

#### Reference to other sections:

Refer to section 8 of SDS. Refer to section 13 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

#### Handling requirements:

Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

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

#### Storage conditions:

Keep container tightly closed. Avoid contact with water or humidity.

#### Suitable packaging:

Must only be kept in original packaging.

### 7.3. Specific end use(s)

**Specific end use(s):** No data available.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Hazardous ingredients:

#### 2-METHOXY-1-METHYLETHYLACETATE

#### Workplace exposure limits:

#### Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
-------	------------	--------------	------------	--------------



# NECURON® K13 COMPONENT A

ADHESIVE

SAFETY DATA SHEET ACCORDING TO COMMISSION REGULATION (EU)

453/2010

UK	274 mg/m <sup>3</sup>	548 mg/m <sup>3</sup>	-	-
----	-----------------------	-----------------------	---	---

## DNEL/PNEC Values

### Hazardous ingredients:

#### 1,1',1",1'''-ETHYLENEDINITRILOTETRAPROPAN-2-OL

Type	Exposure	Value	Population	Effect
PNEC	Fresh water	0.085 mg/l	-	-
PNEC	Marine water	0.0085 mg/l	-	-
PNEC	Intermittent release	1.51 mg/l	-	-
PNEC	STP	70 mg/l	-	-
PNEC	Fresh water sediments	0.193 mg/kg	-	-
PNEC	Marine sediments	0.0193 mg/kg	-	-
PNEC	Soil (agricultural	0.0183 mg/kg	-	-
DNEL	Dermal	4.2 mg/kg	Workers	Systemic
DNEL	Inhalation	29.4 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Dermal	2.5 mg/kg	Consumers	Systemic
DNEL	Inhalation	8.7 mg/m <sup>3</sup>	Consumers	Systemic
DNEL	Oral	2.5 mg/kg	Consumers	Systemic

#### DIPROPYLENEGLYCOL DIBENZOATE

Type	Exposure	Value	Population	Effect
DNEL	Dermal (repeated dose)	10 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation (repeated dose)	8.8 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Dermal (repeated dose)	0.22 mg/kg bw/day	General Population	Systemic
DNEL	Inhalation (repeated dose)	8.69 mg/m <sup>3</sup>	General Population	Systemic
DNEL	Oral (repeated dose)	5 mg/kg bw/day	General Population	Systemic
PNEC	Fresh water	0.0037mg/l	-	-
PNEC	Marine water	0.00037 mg/l	-	-
PNEC	Aqua Intermittent	0.037 mg/l	-	-
PNEC	Fresh water sediments	1.49 mg/kg	-	-
PNEC	Marine sediments	0.149 mg/kg	-	-
PNEC	Soil	1 mg/kg	-	-
PNEC	Microorganisms in sewage treatment	10 mg/l	-	-

#### 2-METHOXY-1-METHYLETHYL ACETATE

Type	Exposure	Value	Population	Effect
DNEL	Dermal	153.5 mg/kg	Workers	Systemic
DNEL	Inhalation	275 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Dermal	54.8 mg/kg	Consumers	Systemic
DNEL	Inhalation	33 mg/m <sup>3</sup>	Consumers	Systemic
DNEL	Oral	1.67 mg/kg	Consumers	Systemic
PNEC	Fresh water	0.635 mg/l	-	-
PNEC	Marine water	0.0635 mg/l	-	-
PNEC	Microorganisms in	100 mg/	-	-



# NECURON® K13 COMPONENT A

ADHESIVE

Page 6

SAFETY DATA SHEET ACCORDING TO COMMISSION REGULATION (EU)  
453/2010

	sewage treatment			
PNEC	Fresh water sediments	3.29 mg/kg		
PNEC	Marine sediments	0.329 mg/kg	-	-
PNEC	Soil (agricultural)	0.29 mg/kg	-	-

## 8.2. Exposure controls

### Engineering measures:

Ensure there is sufficient ventilation of the area.

### Respiratory protection:

Gas/vapour filter, type A: organic vapours (EN141). Self-contained breathing apparatus must be available in case of emergency.

### Hand protection:

Impermeable gloves.

### Eye protection:

Safety glasses. Ensure eye bath is to hand.

### Skin protection:

Impermeable protective clothing.

### Environmental:

Ensure all engineering measures mentioned in section 7 of SDS are in place.

## Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Red

**Odour:** Characteristic odour

**Evaporation rate:** No data available.

**Oxidising:** No data available.

**Solubility in water:** No data available.

**Viscosity:** 270 mPas (25°C)

**Boiling point/range°C:** No data available.

**Flammability limits %: lower:** No data available.

**Flash point°C:** No data available.

**Autoflammability°C:** No data available.

**Vapour pressure:** No data available.

**Relative density:** 0.98 - 1.03

**pH:** No data available.

**Melting point/range°C:** No data available.

**upper:** No data available.

**Part.coeff. n-octanol/water:** No data available.

### 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:**

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions



# NECURON® K13 COMPONENT A

ADHESIVE

Page 7

SAFETY DATA SHEET ACCORDING TO COMMISSION REGULATION (EU)  
453/2010

## Hazardous reactions:

Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

## 10.4. Conditions to avoid

### Conditions to avoid:

Heat. Moist air. Humidity.

## 10.5. Incompatible materials

### Materials to avoid:

Water. Acids.

## 10.6. Hazardous decomposition products

### Haz. decomp. products:

In combustion emits toxic fumes.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Hazardous ingredients:

#### 1,1',1'',1'''-ETHYLENEDINITRILOTETRAPROPAN-2-OL

ORAL	RAT	LD50	2890	mg/kg
------	-----	------	------	-------

#### DIISOPROPYLNAPHTHALENE ISOMERS

-	RAT	NOAEL (6 mon)	170	mg/kg/d
DERMAL	RAT	LD50	> 4000	mg/kg
DUST/MIST	RAT	1H LC50	> 5.6	mg/l
ORAL	RAT	LD50	> 4000	mg/kg

#### DIPROPYLENEGLYCOL DIBENZOATE

-	RAT	- NOAEL (in feed, 90Da)	1000	mg/kg
DERMAL	RAT	LD50	>2000	mg/kg
DUST/MIST	RAT	4H LC50	>200	mg/l
ORAL	RAT	LD50	3914	mg/kg

#### 2-METHOXY-1-METHYLETHYLACETAT

IPR	MUS	LD50	750	mg/kg
ORL	RAT	LD50	8532	mg/kg

#### Relevant hazards for substance:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated
Aspiration hazard	-	Hazardous: calculated

#### Symptoms / routes of exposure

##### Skin contact:

There may be irritation and redness at the site of contact.

##### Eye contact:

There may be irritation and redness.

##### Ingestion:



# NECURON® K13 COMPONENT A

ADHESIVE

SAFETY DATA SHEET ACCORDING TO COMMISSION REGULATION (EU)

453/2010

Page 8

Nausea and stomach pain may occur.

**Inhalation:**

There may be a feeling of tightness in the chest with shortness of breath. Exposure may cause coughing or wheezing.

**Delayed / immediate effects:**

Immediate effects can be expected after short-term exposure.

## Section 12: Ecological information

### 12.1.Toxicity

**Hazardous ingredients:**

**1,1',1'',1'''-ETHYLENEDINITRILOTETRAPROPAN-2-OL**

Activated Sludge	DEV-L2	>1000	mg/l
Aquatic Plants (Desmodesmus subspicatus)	72H EC50	150.67	mg/l
Daphnia magna	48H EC0	>=100	mg/l
Fish(Leuciscus idus)	(96H LC50)	>2000	mg/l

### DIISOPROPYLNAPHTHALENE ISOMERS

ALGAE	72H EC0	0.15	mg/l
DAPHNIA	21D NOEC	0.013	mg/l
DAPHNIA	48H EC0	0.16	mg/l
DAPHNIA	48H LL50	1.7	mg/l
FISH	96H LC0	0.5	mg/l

### DIPROPYLENEGLYCOL DIBENZOATE

ALGAE	72H LL50	4.9	mg/l
ALGAE	72H NOELR	1.0	mg/l
Daphnid	48H LL50	19.3	mg/l
FISH	96H LC50	3.7	mg/l

### 12.2.Persistence and degradability

**Persistence and degradability:** No data available.

### 12.3.Bioaccumulative potential

**Bioaccumulative potential:** No data available.

### 12.4.Mobility in soil

**Mobility:** No data available.

### 12.5.Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

### 12.6.Other adverse effects

**Other adverse effects:** Very toxic to aquatic organisms.

## Section 13: Disposal considerations





# NECURON® K13 COMPONENT A

ADHESIVE

SAFETY DATA SHEET ACCORDING TO COMMISSION REGULATION (EU)  
453/2010

Page 9

## 13.1 Waste treatment methods

### Disposal operations:

Transfer to a suitable container and arrange for collection by specialised disposal company.

### Disposal of packaging:

Arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

### 14.1. UN number

**UN number:** UN3082

### 14.2. UN proper shipping name

#### Shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(Contains: DIISOPROPYLNAPHTHALENE ISOMERS)

### 14.3. Transport hazard class(es)

**Transport class:** 9

### 14.4. Packing group

**Packing group:** III

### 14.5. Environmental hazards

**Environmentally hazardous:** Yes **Marine pollutant:** No

### 14.6. Special precautions for user

**Special precautions:** No special precautions.

**Tunnel code:** E

**Transport category:** 3

## Section 15: Regulatory information

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

**Specific regulations:** Not applicable.

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information:

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:**



# NECURON® K13 COMPONENT A

ADHESIVE

SAFETY DATA SHEET ACCORDING TO COMMISSION REGULATION (EU)  
453/2010

Page  
10

EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H372: Causes damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

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.

H412: Harmful to aquatic life with long lasting effects.

**Legal disclaimer:**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

[