



# NECURON® 601

BOARD MATERIAL

MATERIAL SAFETY DATA SHEET (ACCORDING TO REGULATION (EC) NO. 453/2010)

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## 1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE COMPANY NAME

Commercial name: NECURON® 601  
Use of substance / mixtures: not available  
Manufacturer/supplier: NECUMER GmbH  
Industriestraße 26  
D-49163 Bohmte  
Tel.: +49 5471 9502-0  
Fax: +49 5471 9502-99

Version: 28.07.15



## 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Product definition: Mono-constituent substance

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

Not classified.

**Classification according to Directive 67/548/EEC [DSD]**

Not classified.

See Section 16 for the full text of the R phrases or H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

### 2.2. Label elements

#### Hazard pictograms

Signal word: No signal word.

Hazard statements: No known significant effects or critical hazards.

#### Precautionary statements

Prevention: Not applicable

Response: Not applicable

Storage: Not applicable

Disposal: Not applicable

Subsidiary label elements: Not applicable

### 2.3. Other hazards

Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII:

Not Available

Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII:

Not Available

Other hazards which do not result in classification:

Not Available

## 3. COMPOSITION / INFORMATION ON INGREDIENTS:

Substance/mixture: Mono-constituent substance

Chemical family/Characteristics: Polymerized reaction product based on polyurethane



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| Product/ingredient name<br>Identifiers | %   | Classification  |  | Type |
|--|-----|---|--|------|
|  |     | 67/548/EEC  | Regulation (EC)<br>No. 1272/2008 [CLP]   |      |
| RP:NCO/Polyol                          | 100 | Not classified<br>See section 16 for the full text of the<br>R-phrases declared above | Not classified<br>See section 16 for the full text of<br>the H-statements declared above | [A]  |

There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section.

Type

[A] Constituent

[B] Impurity

[C] Stabilising additive

Occupational exposure limits, if available, are listed in Section 8.

## 4. FIRST AID MEASURES:

### 4.1. Description of first aid measures

- Eye contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
- Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
- Skin contact: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
- Ingestion: Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
- Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training.

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

- Eye contact: No known significant effects or critical hazards.
- Inhalation: No known significant effects or critical hazards.
- Skin contact: No known significant effects or critical hazards.
- Ingestion: No known significant effects or critical hazards.

#### Zeichen/Symptome von Überexposition

- Eye contact: No specific data.
- Inhalation: No specific data.
- Skin contact: No specific data.
- Ingestion: No specific data.

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

- Notes to physician: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments: No specific treatment.



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## 5. FIRE-FIGHTING MEASURES:

### 5.1. Extinguishing media:

Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire.  
Unsuitable extinguishing media: None known.

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

Hazards from the substance or mixture:  
No specific fire or explosion hazard  
Hazardous thermal decomposition products:  
No specific data

### 5.3. Advice for firefighters

#### Special protective actions for fire-fighters:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

#### Special protective equipment for fire-fighters :

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

## 6. ACCIDENTAL RELEASE MEASURES

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

#### For non-emergency personnel:

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.

#### For emergency responders:

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in „For non-emergency personnel“.

### 6.2. Environmental:

Inform the relevant authorities if the product has caused environmental precautions pollution (sewers, waterways, soil or air).

### 6.3. Methods and materials for containment and cleaning up:

#### Small spill:

Move containers from spill area. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.

#### Large spill:

Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. Note: see section 1 for emergency contact information and section 13 for waste disposal.

### 6.4. Reference to other sections:

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.



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## 7. HANDLING AND STORAGE:

- 7.1. **Precautions for safe handling**  
No special measures required.
- 7.2. **Conditions for safe storage, including any incompatibilities:**  
Store in accordance with local regulations.
- 7.3. **Specific end use(s)**  
Recommendations: Not Available.  
Industrial sector specific solutions: Not Available.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Occupational exposure limits: No exposure limit value known.

Recommended monitoring procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

Derived effect levels: No DELs available.

Predicted effect concentrations: No PECs available.

### 8.2. Exposure controls

#### Appropriate engineering controls:

No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

#### Individual protection measures

##### Hygiene measures:

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

##### Eye/face protection:

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

##### Skin protection/hand protection:

No special measures required.

##### Body protection:

No special measures required.

##### Other skin protection:

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

##### Respiratory protection:

No special measures required.



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## Environmental exposure controls:

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

#### Appearance

|   |                            |
|---|----------------------------|
| Physical state:                               | Block                      |
| Colour:                                       | Various                    |
| Odour:  | Odourless                  |
| Odour threshold:                              | Not Available              |
| pH:   | Not Available              |
| Melting point/freezing point:                 | Not Available              |
| Initial boiling point and boiling:            | Not Available              |
| Flash point:                                  | Closed cup: Not applicable |
| Evaporation rate:                             | Not Available              |
| Flammability (solid, gas):                    | Not Available              |
| Burning time:                                 | Not Available              |
| Burning rate:                                 | Not Available              |
| Upper/lower flammability or explosive limits: | Not applicable             |
| Vapour pressure                               | Not applicable             |
| Vapour density                                | Not Available              |
| Relative density                              | Not Available              |
| Solubility(ies)                               | Not Available              |
| Partition coefficient: n-octanol/water        | Not Available              |
| Auto-ignition temperature                     | Not Available              |
| Decomposition temperature                     | Not Available              |
| Viscosity                                     | Not Available              |
| Explosive properties                          | Not Available              |
| Oxidising properties                          | Not Available              |

### 9.2. Other Information

No additional information

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity:

No specific test data related to reactivity available for this product or its ingredients.

### 10.2. Chemical stability:

The product is stable



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- 10.3. **Possibility of hazardous reactions:**  
Under normal conditions of storage and use, hazardous reactions will not occur.
- 10.4. **Conditions to avoid:**  
No specific data
- 10.5. **Incompatible materials:**  
No specific data
- 10.6. **Hazardous decomposition products:**  
Under normal conditions of storage and use, hazardous decomposition products should not be produced.
- 

## 11. TOXICOLOGICAL INFORMATIONS

### 11.1. Information on toxicological effects

Acute toxicity

Conclusion/Summary: Not Available

Irritation/Corrosion

Conclusion/Summary: Not Available

Sensitisation

Conclusion/Summary: Not Available

Mutagenicity

Conclusion/Summary: Not Available

Carcinogenicity

Conclusion/Summary: Not available

Reproductive toxicity

Conclusion/Summary: Not available

Teratogenicity

Conclusion/Summary: Not available

#### Specific target organ toxicity (single exposure)

Not available

#### Specific target organ toxicity (repeated exposure)

Not available

#### Aspiration hazard

Not Available

#### Information on the likely routes of exposure

Not Available

#### Potential acute health effects

Eye contact: No known significant effects or critical hazards

Inhalation: No known significant effects or critical hazards

Skin contact: No known significant effects or critical hazards

Ingestion: No known significant effects or critical hazards



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## Symptoms related to the physical, chemical and toxicological characteristics

Eye contact: No specific data  
Inhalation: No specific data  
Skin contact: No specific data  
Ingestion: No specific data

## Delayed and immediate effects and also chronic effects from short and long term exposure

### Short term exposure

Potential immediate effects: Not Available  
Potential delayed effects: Not Available

### Long term exposure

Potential immediate effects: Not Available  
Potential delayed effects: Not Available

**Potential chronic health effects:** Not Available

Conclusion/Summary: Not Available

General: No known significant effects or critical hazards

Carcinogenicity: No known significant effects or critical hazards

Mutagenicity: No known significant effects or critical hazards

Teratogenicity: No known significant effects or critical hazards

Developmental effects: No known significant effects or critical hazards

Fertility effects: No known significant effects or critical hazards

**Other information:** Not Available

## 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

Conclusion/Summary: Not Available

### 12.2. Persistence and degradability

Conclusion/Summary: Not Available

### 12.3. Bioaccumulative potential:

Not Available

### 12.4. Mobility in soil

Soil/water partition coefficient (Koc): Not Available

Mobility: Not Available

### 12.5. Results of PBT and vPvB assessment:

PBT: Not Available

vPvB: Not Available

**12.6. Other adverse effects:** No known significant effects or critical hazards

## 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

#### Methods of disposal:

In accordance with the EWC Waste Regulation the classification of waste is to be assigned to the jurisdiction of the origin of waste. Therefore it is not possible to assign a particular waste identification number. Completely emptied packagings may be given for recycling. Empty packaging may still contain hazardous residues. Empty packaging should be removed by a licensed waste contractor.



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## 14. TRANSPORT INFORMATION

|                                    | ADR/RID - ADN/ADNR | IMDG          | IATA          |
|------------------------------------|--------------------|---------------|---------------|
| 14.1. UN number                    | Not regulated      | Not regulated | Not regulated |
| 14.2. UN proper shipping name      |                    |               |               |
| 14.3. Transport hazard class(es)   | -                  | -             | -             |
| 14.4. Packing group                | -                  | -             | -             |
| 14.5. Environmental hazards        | No                 | No            | No            |
| 14.6. Special precautions for user | Not Available      | Not Available | Not Available |
| Additional information             | -                  | -             | -             |

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not Available.

## 15. REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture EU Regulation (EC) No. 1907/2006 (REACH) Annex XIV - List of substances subject to authorisation Substances of very high concern

None of the components are listed

Annex XVII – Restrictions: Not applicable on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles other EU regulations

#### REACH Information:

All substances contained in NECUMER products are:

- preregistered or registered by our upstream suppliers, and/or
- excluded from the regulation, and/or
- exempted from the registration

Europe inventory: Not Available

#### National regulations hazard class for water:

nwg according Appendix No. 4 (according VwVws of 17. May 1999)

Technical instruction on air quality control: TA-Luft Number 5.2.1: 100%

### 15.2. Chemical Safety Assessment

This product contains substances for which Chemical Safety Assessments are still required.

## 16. OTHER INFORMATION

Indicates information that has changed from previously issued version.

Abbreviations and acronyms:

|               |   |   |
|---------------|---|---|
| ATE           | = | Acute Toxicity Estimate   |
| CLP           | = | Classification, Labelling and Packaging Regulation [Regulation (EC) No.1272/2008] |
| DNEL          | = | Derived No Effect Level   |
| EUH statement | = | CLP-specific Hazard statement   |
| PNEC          | = | Predicted No Effect Concentration   |
| RRN           | = | REACH Registration Number   |





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|   |                |
|---|----------------|
| Full text of abbreviated H statements:  | Not applicable |
| Full text of classifications [CLP/GHS]: | Not applicable |
| Full text of abbreviated R phrases:     | Not applicable |
| Full text of classifications [DSD/DPD]: | Not applicable |

## Notice to reader:

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.