

Information for the public pursuant to Sections 8a and 11 of the 12th BImSchV Details, which are announced to the public pursuant to Sections 8a and 11 of the Twelfth Ordinance on the Implementation of the Federal Immission Control Act in conjunction with Annex V Part 1 and Part 2:

**1. Name and address of the operator**

Carpenter GmbH  
Industriestraße 2  
99334 Department of Wachsenburg City district Thoerey

**2. Contacts for questions**

The Managing Director is Steffen Meyer and the Incident and Emission Control Officer is Stephan Schmidt. You can contact them at Tel. no. +49 (0)36202-940.

**3. Application of the Hazardous Incident Ordinance / fulfilment of the safety obligations**

Carpenter GmbH manufactures flexible polyurethane foam.  
Carpenter GmbH is subject to the Hazardous Incident Ordinance (12th BImSchV).  
The operation was approved in 1994 by the Thuringia State Administration Office Weimar. All changes and extensions carried out since this time were properly reported to the responsible authorities and respectively approved thereby.  
Carpenter GmbH is obligated to prepare a safety report according to Section 9 (1) of the Hazardous Incident Ordinance. This report was prepared in 2003 and is available to the responsible authorities. It is updated at regular intervals. The last update was carried out in June 2016. Carpenter GmbH is under a further obligation to make adequate arrangements on site, also in liaison with the emergency services, to deal with the unlikely event of an accident and to minimize its effect. Moreover, a company alarm and hazard prevention plan has been drawn up, which contains all necessary information, contacts and telephone numbers.

**4. Activities in the area of operation**

Carpenter GmbH is the manufacturer of flexible polyurethane foam for the mattress, upholstery and automotive industry.  
Macromolecular substances are classified under the designation polyurethane, which are produced by the addition of isocyanates with polyols (polyester, polyether). Polyurethane foams are produced by adding water that reacts with the used diisocyanate by the formation of CO<sub>2</sub>. The released CO<sub>2</sub> produces a foaming effect hereby. The foam obtains the desired features by adding water, catalysts and stabilisers. All raw materials for the production of the soft foam are stored in closed tanks and are only transported through closed fixed pipelines and appropriate means of transport by trained personnel.

**5. Relevant hazardous substances**

Toluene diisocyanate (TDI) is used in the production of flexible polyurethane foam. TDI is classified as toxic and hazardous and may produce an exothermic reaction if exposed to water.

**6. Hazards in case of an incident / safety precautions**

Possible hazards relevant to an incident are the uncontrolled release of TDI or the formation and release of toxic gases as a result of a fire with polyurethane foam blocks. Both events can result in the formation of toxic gasses. Moreover, thermal radiation occurs in case of a fire. All measures for the avoidance and prevention of hazards have been coordinated with the responsible authorities.  
Our safety precautions are based on the extensive examination results of a safety report drawn up by an external body, which was checked by the authorities. Our entire building complex has been fitted with fully automatic fire alarm and fire extinguishing equipment. Our raw and finished products are, of course, stored properly and monitored carefully.

Information for the public pursuant to Sections 8a and 11 of the 12th BImSchV Details, which are announced to the public pursuant to Sections 8a and 11 of the Twelfth Ordinance on the Implementation of the Federal Immission Control Act in conjunction with Annex V Part 1 and Part 2:

A leakage of diisocyanate, e.g. during the unloading of the tank or also in the tank system itself, remains limited due to suitable restraining systems and retaining tanks in the building complex.

The building is designed as a water retention basin in order to prevent possible environmental damages through produced extinguishing water.

The observations in the safety report indicate that owing to the existing technical and organisational precautions (collecting facilities, automatic fire extinguishing equipment, alarm system) both with an uncontrolled leakage of TDI as well as in the event of a fire owing to the low concentrations of the aforementioned substances in the air, there is no danger for the environment.

We will be pleased to provide further information upon request.

#### **7. On-site inspection of the authorities**

The responsible approval and supervisory authorities have been informed about all safety-relevant circumstances according to the Hazardous Incident Ordinance. The last on-site inspection for the monitoring of regulations according to Section 17 (2) of the Hazardous Incident Ordinance took place on 8 June 2016. More detailed information about the on-site-inspection and the inspection plan within the meaning of Section 17 (1) of the Hazardous Incident Ordinance can be obtained in accordance with the federal and state rules on access to environmental information at the Thuringian Administration Office (*Landesverwaltungsamt Thüringen*)

#### **8. Warning in case of an incident / Conduct in the event of an incident**

In the event of an incident, Carpenter GmbH will promptly inform the competent authorities and the neighbourhood, by phone. An occurred incident does not have to endanger you, despite all contingency and containment measures. Nevertheless, you should comply with the following instructions if you receive a warning:

- Call the children to come into the house
- Inform your direct neighbours
- Go into a building and close the windows and doors
- Switch off ventilation and air-conditioning systems in apartments and motor vehicles
- Help children, older or disabled persons and temporarily take passers-by into your apartment
- Do not block the telephone connections to the fire service, police or rescue services by queries unless a call is rendered urgently necessary due to a special situation such as fire or accident
- Pay attention to radio and loudspeaker announcements
- Comply with instructions of emergency services.

Carpenter GmbH has taken all necessary measures at the location, including the connection to the authorities, which are responsible for the general hazard prevention and the civil protection in order to be prepared with the occurrence of an incident and to minimise its effect as far as possible.

Further information can be obtained in accordance with the federal and state rules on access to environmental information at the Thuringian Administration Office (*Landesverwaltungsamt Thüringen*).

The responsible contact in the company is the incident and immission control officer, Stephan Schmidt (+49 (0)36202-940).