

Material Safety Data Sheet According to 91/155 EC, 93/112/EG

Printing date 30.08.2006

Reviewed on 30.08.2006

1 Identification of substance:

· **Product details:**

· **Trade name:** Intumex FB

· **Data Sheet No.:** IN 050

· **Synonyms:** Intumescent Polyurethane

· **Application of the substance/
the preparation:**

Intumex is applied in passive fire preventions against spread of fire, smoke and hot gases.

· **Manufacturer/Supplier:** INTUMEX GmbH
Buchnerplatz 1
A-4021 Linz
Austria

Tel.: +43 732 6912-0
Fax.: +43 732-6912-3740

· **Information in case of
emergency:**

Tel.: +43 (0)732 6912-0

· **Changes:**

Changes to last version of this data sheet are indicated in chapter 16.

2 Composition/Data on components:

· **Chemical characterization:**

· **CAS No. Description:** Intumescent Polyurethane

· **Identification number(s):**

· **UN-Number:** Not classified as dangerous for transport.

3 Hazard identification

· **Hazard description:** not applicable

· **Information concerning to
particular hazards to man and
environment**

not applicable

· **Water hazard class
(Germany):**

Generally not hazardous for water.

4 First aid measures

· **After swallowing:** Seek immediate medical advice.

5 Fire fighting measures

· **Suitable extinguishing
agents:**

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· **For safety reasons unsuitable
extinguishing agents:**

No restriction in large fires.

· **Special hazards caused by
the substance, its products of
combustion or resulting
gases:**

In case of fire, the following can be released:
Carbon monoxide (CO)
Hydrogen cyanide (HCN)

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- Nitrogen oxides (NOx)
- **Protective equipment:** Wear self-contained respiratory protective device.

6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** Not necessary.
- **Measures for cleaning/collecting:** Pick up mechanically. If formation of dust cannot be avoided use respiratory filter device.

7 Handling and storage

- **Handling**
- **Information for safe handling:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Specific applications:** See chapter 1: application of this substance/preparation.

8 Exposure controls and personal protection gear

- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures** The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not required.
- **Protection of hands:** Not required.
- **Eye protection:** Not required.

9 Physical and chemical properties:

- **General Information**
- **Form:** Solid material.
- **Colour:** grey - black
- **Odour:** Odourless

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- **Change in condition**
- **Melting point/Melting range:** undetermined
- **Boiling point/Boiling range:** undetermined
- **Flash point:** Not relevant.
- **Flammability (solid, gaseous)** Undetermined
- **Danger of explosion:** Product does not present an explosion hazard.

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity:**
- **LD/LC50 values relevant for classification:** No data available that are relevant for classification.
- **Primary irritant effect: on the skin:** No irritating effect known.

12 Ecological information:

- **General notes:** Generally not hazardous for water.

13 Disposal considerations

- **Recommendation** Smaller quantities can be disposed of with household waste.
- **European waste catalogue:**
07 02 13 waste plastic

14 Transport information

Not classified as dangerous for transport.

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -

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- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

15 Regulations

- **Labelling according to EU guidelines:** Observe the general safety regulations when handling chemicals
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).
- **Code letter and hazard designation of product:** -
- **Risk phrases:** -
- **Safety phrases:** -
- **National regulations**
- **Water hazard class (Germany):** Generally not hazardous for water.
- **WGK-No.:** Substance is not listed.
- **Seveso-Directive 96/82/EC, (part, no.; qualifying quantities):** Substance is not listed.
- **Chemical Inventory Status:**
- **Council Directive 76/769/EEC of 27 July 1976 on the approximation of the laws, regulations and administrative provisions of the Member States relating to restrictions on the marketing and use of certain dangerous substances and preparations:** Substance is not listed.
- **Council Regulation (EEC) No 2455/92 of 23 July 1992 concerning the export and import of certain dangerous chemicals:** Substance is not listed.
- **Council Regulation (EC) No 1334/2000 of 22 June 2000 setting up a Community regime for the control of exports of dual-use items and technology:** Substance is not listed.
- **Council Regulation (EEC) No 3677/90 of 13 December 1990 laying down measures to be taken to discourage the diversion of certain substances to the illicit manufacture of narcotic drugs and psychotropic substances:** Substance is not listed.
- **Toxic Substances Control Act (TSCA):** Substance is not listed.
- **EC-list of classified materials:** Substance is not listed.
- **Austrian List of Toxic Substances:** Substance is not listed.

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- **OSPAR-list of PBT-substances:**
Substance is not listed.

16 Other information:

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Contact:** Dr. Edwin Gauch
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- **This issue replaces version from:** First edition
- *** Data compared to the previous version altered.**

End of Material Safety Data Sheet

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