

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

Printing date 28.09.2005

Reviewed on 28.09.2005

### 1 Identification of substance:

· **Product details:**

· **Trade name:** **INTUMEX PS 300 fire prevention cushion**

· **Data Sheet No.:** IN 014

· **Synonyms:** INTUMEX PS 750 fire prevention cushion

· **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**

· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components relevant for classification:**

1344-09-8	Sodium silicate	 Xi; R 36/38	19.0%
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### 3 Hazard identification

· **Hazard description:** not applicable

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

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

· **Dust-explosive properties:** No data available.

· **Classification system**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

### 4 First aid measures

· **After inhalation** Seek medical treatment in case of complaints.

· **After skin contact** Generally the product does not irritate the skin.

· **After eye contact** Rinse opened eye for several minutes under running water.

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

### 5 Fire fighting measures

· **Suitable extinguishing agents** The product itself is not combustible. CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· **Special hazards caused by the substance, its products of**

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· **combustion or resulting gases:**

In case of fire, the following can be released:

Carbon monoxide (CO)  
Nitrogen oxides (NOx)  
Ammonia (NH<sub>3</sub>)

· **Protective equipment:**

Wear self-contained respiratory protective device.

### 6 Accidental release measures

· **Person-related safety precautions:**

Keep unprotected persons away.

· **Measures for environmental protection:**

No special measures required.

· **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:**

No special requirements.  
Store in a cool location.

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

Not required.

· **Further information about storage conditions:**

None.

### 8 Exposure controls and personal protection gear

· **Ingredients 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.

· **Additional information:**

The lists valid during the making were used as basis.

· **Personal protective equipment**

· **Respiratory protection:**

Not required.

· **Protection of hands:**

Not required.

· **Eye protection:**

Not required.

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· **Body protection:** Protective work clothing.

### 9 Physical and chemical properties:

#### · General Information

· **Form:** Solid.  
· **Colour:** Beige  
· **Odour:** Odourless

#### · Change in condition

· **Melting point/Melting range:** undetermined  
· **Boiling point/Boiling range:** undetermined

· **Flash point:** not applicable

· **Flammability (solid, gaseous)** undetermined

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Dust explosibility (VDI 2263):** No data available.

· **Density:** undetermined

#### · Solubility in / Miscibility with

· **Water:** Insoluble

### 10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

· **Dangerous decomposition products:** Carbon monoxide and carbon dioxide  
Nitrogen oxides

### 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.

· **on the eye:** No irritating effect known.

· **Sensitization:** No sensitizing effect known.

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· **Additional toxicological information:**

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

### 12 Ecological information:

· **General notes:** Not known to be hazardous to water.

### 13 Disposal considerations

- **Recommendation** Smaller quantities can be disposed of with household waste. Must be specially treated adhering to official regulations.
- **Uncleaned packaging:**
- **Recommendation:** Packagings that may not be cleansed are to be disposed of in the same manner as the product.

### 14 Transport information

Not classified as dangerous for transport.

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No
- **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).
- **National regulations**
- **Water hazard class (Germany):**

· **WGK-No.:**

Sodium silicate

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**· Lists:**

<b>· 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:</b>
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None of the ingredients is listed.

<b>· Council Regulation (EEC) No 2455/92 of 23 July 1992 concerning the export and import of certain dangerous chemicals:</b>
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None of the ingredients is listed.

<b>· 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:</b>
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None of the ingredients is listed.

<b>· 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:</b>
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None of the ingredients is listed.

<b>· Council Directive 96/82/EC of 9 December 1996 on the control of major-accident hazards involving dangerous substances (part, no.; qualifying quantities):</b>
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None of the ingredients is listed.

<b>· Toxicity class (Switzerland):</b>
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Sodium silicate

Klasse 4

<b>· Toxic Substances Control Act (TSCA):</b>
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All ingredients are listed.

<b>· EC-list of classified materials:</b>
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None of the ingredients is listed.

<b>· Austrian List of Toxic Substances:</b>
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None of the ingredients is listed.

<b>· Inventory of Existing Chemical Substances Manufactured or Imported in China (IECSC):</b>
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All ingredients are listed.

<b>· OSPAR-list of PBT-substances:</b>
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None of the ingredients is 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.

<b>· Relevant R-phrases</b>	36/38 Irritating to eyes and skin.
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<b>· This issue replaces version from:</b>	16-Jan.-2003
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