1 Identification of substance

- Trade name: Intumex L
- Data Sheet No.: IN 006
- Application of the substance/the preparation:
  Intumex is applied in passive fire preventions against spread of fire, smoke and hot gases. Only for trade/industrial use. Any other application of this product than described here has to be done in agreement with the producer.
- Manufacturer/Supplier: INTUMEX GmbH
  Buchnerplatz 1
  A-4021 Linz
  Austria
  Tel.: +43 732 6912-0
  Fax.: +43 732-6912-3740
- Further information obtainable from: Department CSL
- Competent person: Dr. Edwin Gauch
  Tel. +43(0)732 6912-3454
  e-mail: edwin.gauch@intumex.at
- 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 Hazards 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.
- Biological elimination: No data available.
- Dust-explosive properties: No data available.
- Additional information: Above 140°C the product expands to at least the 7-fold of its original volume.

3 Composition/information on ingredients

- Chemical characterization:
- CAS No., Description: Intumex L
- Identification number(s):
- EINECS Number: -
- UN-Number: Not classified as dangerous for transport.

4 First aid measures

- General information: No special measures required.
- After skin contact: Generally the product does not irritate the skin.
5 Fire fighting measures

- Suitable extinguishing agents: The product itself is not combustible.
- Protective equipment: Wear self-contained respiratory protective device.

6 Accidental release measures

- Person-related safety precautions: Not required.
- 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.
- Additional information: No dangerous substances are released.

7 Handling and storage

- Handling
  - Information for safe handling: No special measures required.
  - Information about fire - and explosion protection: 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.
- Further information about storage conditions: Store in dry conditions.
- Acceptable storage time: No data available.
- Specific applications: See chapter 1: application of this substance/preparation.

8 Exposure controls/personal protection

- 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
  - Respiratory protection: Not required.
  - Protection of hands: Not required.
  - Eye protection: Not required.
Body protection: Protective work clothing.
Limitation and supervision of exposure into the environment: Avoid spillage of product into the environment.

**9 Physical and chemical properties:**

- **General Information**
  - **Form:** Solid material.
  - **Colour:** Black
  - **Odour:** Odourless
- **Change in condition**
  - **Melting point/Melting range:** Not determined
  - **Boiling point/Boiling range:** Undetermined
- **Flash point:** Not applicable
- **Flammability (solid, gaseous):** Undetermined
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:**
  - **Dust explosibility (VDI 2263):** No data available.
- **Density at 20°C:** 1 g/cm³
- **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:** No dangerous decomposition products known.

**11 Toxicological information**

- **Acute toxicity:**
  - **LD/LC50 values relevant for classification:** No data are 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.
12 Ecological information:

- Information about elimination (persistence and degradability): No data available.
- Ecotoxical effects:
  - Aquatic toxicity: No data available.
  - General notes: Generally not hazardous for water.

13 Disposal considerations

- Recommendation: Smaller quantities can be disposed of with household waste. Must be specially treated adhering to official regulations.
- Waste disposal key: 59305 nach ÖNORM S 2101
- European waste catalogue: 08 04 99 wastes not otherwise specified

14 Transport information

- Not classified as dangerous for transport.
- Land transport ADR/RID (cross-border)
  - ADR/RID class: -
- Maritime transport IMDG:
  - IMDG Class: -
- Air transport ICAO-TI and IATA-DGR:
  - ICAO/IATA Class: -

15 Regulations

- Labelling according to EU guidelines:
  - The substance is not subject to classification according to EU lists and other sources of literature known to us.
  - 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: 1/2 Keep locked up and out of the reach of children.
Safety Data Sheet
according to 1907/2006/EC, Article 31

Trade name: Intumex L

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): Not a dangerous material according to this directive.
- 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.
- 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.

- Training hints: Before handling this substance/preparation, the personnel involved should be instructed using this safety data sheet.
- Recommended restriction of use: Only for industrial application - no public use.
- Sources of data: Literature sources for the specified data and/or investigation reports are available from the manufacturer.
- Contact: Dr. Edwin Gauch
  Tel. +43(0)732 6912-3454
  e-mail: edwin.gauch@intumex.at

Changes since last issue:
- This issue replaces version from: 05-Sept.-1997
- * Data compared to the previous version altered.

End of Material Safety Data Sheet