

Safety Data Sheet according to 1907/2006/EC, Article 31

Printing date 03.09.2007

Revision: 03.09.2007

1 Identification of substance:

· **Product details:**

· **Trade name:** **Intumex AS**

· **Data Sheet No.:** IN 037

· **Synonyms:** Fire protection coating V735
Mixture containing plastic dispersion, softening agents, inorganic filling materials and auxiliary agents

· **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 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:**

· **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):** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

· **Biological elimination:** No data available.

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

3 Composition/information on ingredients

· **Chemical characterization:**

· **CAS No. Description:** Mixture containing plastic dispersion, softening agents, inorganic filling materials and auxiliary agents

· **Identification number(s):**

· **EINECS Number:** -

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

4 First aid measures

· **General information:** Immediately remove any clothing soiled by the product.

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- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Call for a doctor immediately.
- **Information for doctor:**
- **The following symptoms may occur:** No product-specific symptoms known.
- **Treatment:** No specific antidot.
Symptomatic treatment.

5 Fire fighting measures

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

6 Accidental release measures

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:** Do not flush into surface water or sanitary sewer system.
- **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:** Keep containers tightly sealed.
- **Information about fire - and explosion protection:** The product is not flammable.

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- **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 cool, dry conditions in well sealed containers.
- **Recommended storage temperature:** +5 - +25°C
- **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**
- **General protective and hygienic measures**
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:**
 In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
Particle filter. The filter grade (P1 - P3) has to be established depending on work-place related limit values and the actual exposition.
- **Protection of hands:**
Protective gloves.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **For the permanent contact gloves made of the following materials are suitable:**
 Rubber gloves
- **Eye protection:**
 Safety glasses
- **Body protection:** Protective work clothing.
- **Limitation and supervision of exposure into the environment**
Avoid spillage of product into the environment.

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- **Risk management measures** General protective and hygienic measures have to be observed. Handling and use of this material/formulation only under controlled conditions in closed systems. Employees who use this material/formulation must be trained and demonstrably instructed about possible risks for man and environment. Measures for prevention of hazards in case of unwanted leakage (LOPC) shall be implemented.

9 Physical and chemical properties:

· General Information

- **Form:** Pasty
- **Colour:** Grey
- **Odour:** Recognizable

· Change in condition

- **Melting point/Melting range:** 0°C
- **Boiling point/Boiling range:** 100°C

- **Flash point:** not applicable

- **Flammability (solid, gaseous)** Product is not flammable.

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

- **Vapour pressure at 20°C:** 23 hPa

- **Density at 20°C:** 1.37 g/cm³

· Solubility in / Miscibility with

- **Water:** Soluble

- **pH-value (- g/l) at 20°C:** 7-9

10 Stability and reactivity

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

- **Sensitive to:**
- **Air:** Sensitive to air.

- **Materials to be avoided:** Unknown.

- **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.

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- **on the eye:** No irritating effect known.
- **Sensitization:** No sufficient data available.
- **Genotoxicity:**
- **Ames-test:** No data available.
- **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)** No data available.

12 Ecological information:

- **Information about elimination (persistence and degradability):** No data available.
- **Ecotoxicological effects:**
- **Aquatic toxicity:** No data available.
- **Remark:** Harmful for water organisms.
- **General notes:** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow product to reach ground water, water course or sewage system.

13 Disposal considerations

- **Recommendation**  Must be specially treated adhering to official regulations. Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Material must be disposed in accordance to legal regulations.
- **European waste catalogue:**
08 04 99 | wastes not otherwise specified
- **Uncleaned packaging:**
- **Recommendation:** Packaging that may not be cleansed are to be disposed of in the same manner as the product.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

14 Transport information

Not classified as dangerous for transport.

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

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- **Maritime transport IMDG:**
- **IMDG Class:** -
- **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):** Water hazard class 1 (Self-assessment): slightly hazardous for water.
- **WGK-No.:** 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.

- **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 data and/or investigation reports are available at the manufacturer.
- **Contact:** Dr. Edwin Gauch
Tel. +43(0)732 6912-3454
e-mail: edwin.gauch@intumex.at
- **Changes since last issue:** Adaptation to EU Directive 1907/2006.
- **This issue replaces version from:** 15-Sept.-2004
- * Data compared to the previous version altered.

End of Material Safety Data Sheet

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