

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

Printing date 26.12.2008

Revision: 12.03.2008

1 Identification of substance

· **Product details:**

· **Trade name:** Intumex AC, liquid

· **Data Sheet No.:** IN052

· **Synonyms:** Aqueous fire protection coat based on acrylate

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

Only for trade/industrial use.

Any other application of this product than described here has to be done in agreement with the the producer.

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

Fire protection coat

· **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.

Classification according to annex 4 VwVwS.

3 Composition/information on ingredients

· **Chemical characterization:**

· **CAS No., Description:** Aqueous fire protection coat based on acrylate

· **Identification number(s):**

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

4 First aid measures

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

· **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.

(Contd. on page 2)

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

Printing date 26.12.2008

Revision: 12.03.2008

Trade name: Intumex AC, liquid

(Contd. of page 1)

- **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.
- **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:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

7 Handling and storage

- **Handling**
- **Information for safe handling:** Keep containers tightly sealed.
Fill only in dedicated and assigned containers.
- **Information about fire - and explosion protection:** The product is not flammable.
- **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.
- **Acceptable storage time:** No data available.

(Contd. on page 3)

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

Printing date 26.12.2008

Revision: 12.03.2008

Trade name: Intumex AC, liquid

(Contd. of page 2)

· **Specific applications:** See chapter 1: application of this substance/preparation.

8 Exposure controls/personal protection

· **Additional information about design of technical facilities:**

Check seals on flanges and valves for suitability and corrosion resistance. If necessary inspection intervals should be defined! Waste gases should be led into the atmosphere only via appropriate separators, scrubbers or incinerators.

· **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 necessary if room is well-ventilated.

· **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:**

Chloroprene rubber, CR
Natural rubber, NR

· **Eye protection:**



Safety glasses

· **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:** Fluid
· **Colour:** White
· **Odour:** Characteristic

· **Change in condition**

· **Melting point/Melting range:** Not determined
· **Boiling point/Boiling range:** undetermined

· **Flash point:** Not relevant.

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

(Contd. on page 4)

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

Printing date 26.12.2008

Revision: 12.03.2008

Trade name: Intumex AC, liquid

(Contd. of page 3)

· **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.
- **Sensitive to:**
- **Air:** Sensitive to air.
- **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 are available that are relevant for classification.
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect known.

12 Ecological information:

- **General notes:** Classification according to annex 4 VwVwS.
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

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.

· **European waste catalogue:**

08 01 19	aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances
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- **Uncleaned packaging:**
- **Recommendation:** Packagings that may not be cleansed are to be disposed of in the same manner as the product.

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(Contd. on page 5)

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

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Revision: 12.03.2008

Trade name: Intumex AC, liquid

(Contd. of page 4)

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:**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):**

Classification according to annex 4 VwVwS.

· **WGK-No.:**
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.

· **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.

(Contd. on page 6)

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(Contd. of page 5)

- **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:** Adaptation to EU Directive 1907/2006.
- **This issue replaces version from:** Not relevant, first edition.
- *** Data compared to the previous version altered.**
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End of Material Safety Data Sheet

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