

Material Safety Data Sheet acc. to ISO/DIS 11014

Printing date 03/07/2003

Reviewed on 03/07/2003

1 Identification of substance:

· **Product details:**

· **Trade name:**

Intumex Unicollar Inlay

· **Article number:**

IN 020

· **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

· **Emergency information:**

Tel.: 0043/732/6916-2466 (Fire brigade, company AMG)
from abroad: *43/70/6919-2466
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 the substances listed below with nonhazardous additions.

· **Dangerous components:**

Void

· **Other components:**

7782-42-5 Graphite	25-50%
9003-77-4 Acrylic polymer	
14807-96-6 Talcum	
9002-86-2 PVC	
13983-17-0 Wollastonite	

3 Hazards identification

· **Hazard description:**

not applicable

· **Information pertaining to particular dangers for man and environment**

not applicable

· **Classification system**

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

· **NFPA ratings (scale 0-4)**

 Health = 0
Fire = 0
Reactivity = 0

· **HMIS-Code (scale 0-4)**

 Health=0
Flammability=0
Reactivity=0

· **Personal Protection:**

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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 rinse with water.
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing** Immediately call a doctor.
- **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** CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards caused by the material, its products of combustion or resulting gases:**
 - The material itself is not combustilbe.
 - In case of fire, the following can be released:
Carbon monoxide (CO)
Hydrogen chloride (HCl)
- **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 allow product to reach sewage system or any water course.
- **Measures for cleaning/collecting:** Pick up mechanically.

7 Handling and storage

- **Handling**
 - **Information for safe handling:** Keep receptacles tightly sealed.
- **Storage**
 - **Requirements to be met by storerooms and receptacles:** Store in a cool location.

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- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls and personal protection

- **Components with limit values that require monitoring at the workplace:**

7782-42-5 Graphite

PEL 15 mppcf mg/m³

REL 2.5* mg/m³

*Respirable dust

TLV 2 R mg/m³

All forms except graphite fibers

- **Additional information:** The lists that were valid during the creation were used as basis.

- **Personal protective equipment**

- **General protective and hygienic measures** The usual precautionary measures for handling chemicals should be followed.
- **Breathing equipment:** Not required.
- **Protection of hands:** Not required.
- **Eye protection:** Not required.

9 Physical and chemical properties:

- **General Information**

- **Form:** Solid.
- **Color:** Black
- **Odor:** Odorless

- **Change in condition**

- **Melting point/Melting range:** undetermined
- **Boiling point/Boiling range:** Undetermined

- **Flash point:** Not relevant.

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

- **Auto igniting:** Product is not selfigniting.

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

- **Density at 20°C (68°F):** 0.800 g/cm³

- **Solubility in / Miscibility with**

- **Water:** Insoluble

- **Solvent content:**

- **Organic solvents:** 0.0 %

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· **Solids content:** 100.0 %

10 Stability and reactivity

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

11 Toxicological information

- **Acute toxicity:**
 - **LD/LC50 values that are relevant for classification:** No relevant values found.
 - **Primary irritant effect:**
 - **on the skin:** No irritating effect known.
 - **on the eye:** No irritating effect known.
 - **Sensitization:** No sufficient data available.
- **Genotoxicity:**
 - **Ames-Test:** No data available.

12 Ecological information:

- **Information about elimination (persistence and degradability):** No data available.
- **Ecotoxicological effects:**
 - **Aquatic toxicity:** No data available.
- **General notes:** Not known to be hazardous to water.

13 Disposal considerations

- **Product:**
 - **Recommendation** Must be specially treated adhering to official regulations.
 - **European waste catalogue:**
08 04 99 wastes not otherwise specified
- **Uncleaned packagings:**
 - **Recommendation:** Packagings that cannot be cleansed are to be disposed of in the same manner as the product.

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14 Transport information

No dangerous good according to transport regulations.

· **DOT regulations:**

· **Hazard class:** -

· **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

· **SARA:**

· **Section 355:**

None of the ingredients is listed.

· **Section 313:**

None of the ingredients is listed.

· **TSCA (Toxic Substance Control Act):**

All ingredients are listed.

· **Proposition 65:**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity:**

None of the ingredients is listed.

· **Carcinogeny categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

· **MAK (German Maximum Workplace Concentration)**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

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· **Product related hazard informations:**

Observe the general safety regulations when handling chemicals.
The product is not subject to identification regulations according to directives on hazardous materials.

· **Safety phrases:**

1/2 Keep locked up and out of the reach of children.
60 This material and its container must be disposed of as hazardous waste.

· **National regulations**

· **Water hazard class (Germany):**

Generally not hazardous for water.

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.

· **Contact:**

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