Buchnerplatz 1 (Chemiepark Linz) P.O.Box 939, A-4021 Linz / Austria



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Printing date 03/07/2003 Reviewed on 03/07/2003

#### 1 Identification of substance:

Product details:

**Intumex Unicollar Inlay** · Trade name:

· 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

Tel.: +43 732 6912-0 Austria 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:

Other components:

7782-42-5 Graphite 9003-77-4 Acrylic polymer

> 14807-96-6 Talcum 9002-86-2 PVC

13983-17-0 Wollastonite

#### 3 Hazards identification

· Hazard description:

Information pertaining to particular dangers for man and environment

not applicable

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 = 0Reactivity = 0

HMIS-Code (scale 0-4)

0 REACTIVITY 0

С

Health=0 Flammability=0 Reactivity=0

· Personal Protection:

25-50%

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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/m<sup>3</sup>

REL 2.5\* mg/m<sup>3</sup>

\*Respirable dust

TLV 2 R mg/m<sup>3</sup>

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: Color: Odor:	Solid. Black 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.

· Ecotoxical effects:

· Acquatic 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

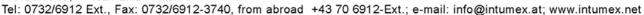
Uncleaned packagings:

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.

- · Cancerogenity 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)

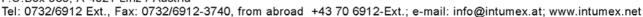
None of the ingredients is listed.

· 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: Dr.Heinrich Horacek

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USA