



BE SURE. BUILD SURE.

Page 1/8

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 06.03.2020

Version number 3

Revision: 06.03.2020

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

· **1.1 Product identifier**

· **Trade name** Nafuflex Profi Tech 2 Powder

· **Article number:** 2966

· **UFI:** N8D5-40AC-000V-E5T2

· **1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

· **Application of the substance / the mixture**

Bitumen high build coating

· **1.3 Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:** MC-Bauchemie Müller GmbH & Co. KG  
Am Kruppwald 1-8  
D-46238 Bottrop  
Tel.: +49(0)2041-101-0  
Fax.: +49(0)2041-101-400  
E-Mail: info@mc-bauchemie.de

MC-Bauchemie AG  
Hagackerstr. 10  
CH-8953 Dietikon  
Tel.: +44-7400510  
Fax : +44-7400533

· **Informing department:** msds@mc-bauchemie.de

· **1.4 Emergency telephone number:**

Tel.: +49 / (0)700 24112112 (MCR)  
Tel.: +48612864565

**SECTION 2: Hazards identification**

· **2.1 Classification of the substance or mixture**

· **Classification according to Regulation (EC) No 1272/2008**

Skin Irrit. 2 H315 Causes skin irritation.

Eye Dam. 1 H318 Causes serious eye damage.

· **2.2 Label elements**

· **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

· **Hazard pictograms**



GHS05

(Contd. on page 2)

GB



BE SURE. BUILD SURE.

### Safety data sheet according to 1907/2006/EC, Article 31

Printing date 06.03.2020

Version number 3

Revision: 06.03.2020

**Trade name Nafuflex Profi Tech 2 Powder**

(Contd. of page 1)

- **Signal word** Danger
- **Hazard-determining components of labelling:** Cement, portland, chemicals  
Cr(VI)<2ppm  
Sodium Aluminate
- **Hazard statements** H315 Causes skin irritation.  
H318 Causes serious eye damage.
- **Precautionary statements**
  - P280 Wear protective gloves / eye protection / face protection.
  - P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
  - P310 Immediately call a POISON CENTER/doctor.
  - P321 Specific treatment (see on this label).
  - P362+P364 Take off contaminated clothing and wash it before reuse.
  - P332+P313 If skin irritation occurs: Get medical advice/attention.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Description:** Mixture consisting of the following components.

· **Dangerous components:**

CAS: 65997-15-1 EINECS: 266-043-4	Cement, portland, chemicals Cr(VI)<2ppm Eye Dam. 1, H318; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; STOT SE 3, H335	≥10-<20%
CAS: 11138-49-1 EINECS: 234-391-6	Sodium Aluminate Skin Corr. 1A, H314	≥1-<1.5%

- **Additional information** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information** No special measures required.
- **After inhalation** Supply fresh air.
- **After skin contact** The product is not skin irritating.
- **After eye contact** Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

(Contd. on page 3)



BE SURE. BUILD SURE.

Page 3/8

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 06.03.2020

Version number 3

Revision: 06.03.2020

**Trade name Nafuflex Profi Tech 2 Powder**

(Contd. of page 2)

- **After swallowing** *Rinse out mouth and then drink plenty of water.  
Seek medical treatment.*
- **4.2 Most important symptoms and effects, both acute and delayed** *No further relevant information available.*
- **4.3 Indication of any immediate medical attention and special treatment needed** *No further relevant information available.*

### **SECTION 5: Firefighting measures**

- **5.1 Extinguishing media**
- **Suitable extinguishing agents** *Not required*
- **5.2 Special hazards arising from the substance or mixture** *No further relevant information available.*
- **5.3 Advice for firefighters**
- **Protective equipment:** *No special measures required.*

### **SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures** *Not required.*
- **6.2 Environmental precautions:** *No special measures required.*
- **6.3 Methods and material for containment and cleaning up:** *Collect mechanically.*
- **6.4 Reference to other sections** *No dangerous materials are released.*

### **SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling** *Prevent formation of dust.*
- **Information about protection against explosions and fires:** *No special measures required.*
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** *No special requirements.*

(Contd. on page 4)

GB



BE SURE. BUILD SURE.

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 06.03.2020

Version number 3

Revision: 06.03.2020

**Trade name Nafuflex Profi Tech 2 Powder**

(Contd. of page 3)

- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **7.3 Specific end use(s)** No further relevant information available.

**SECTION 8: Exposure controls/personal protection**

- **Additional information about design of technical systems:** No further data; see item 7.

**8.1 Control parameters**

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

**65997-15-1 Cement, portland, chemicals**  
**Cr(VI)<2ppm**

WEL Long-term value: 10\* 4\*\* mg/m<sup>3</sup>  
\*inhalable dust \*\*respirable dust

**DNELs**

**65997-15-1 Cement, portland, chemicals**  
**Cr(VI)<2ppm**

Inhalative DNEL 1 mg/m<sup>3</sup> (ArL)

**PNECs**

**11138-49-1 Sodium Aluminate**

PNEC 10 mg/l (Kla)

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

**8.2 Exposure controls**

**Personal protective equipment**

**General protective and hygienic measures**

Avoid contact with the eyes and skin.

**Breathing equipment:**

Filter P1.

**Protection of hands:**

Protective gloves.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

After use of gloves apply skin-cleaning agents and skin cosmetics.

**Material of gloves**

Nitrile rubber, NBR

Butyl rubber, BR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

(Contd. on page 5)



BE SURE. BUILD SURE.

### Safety data sheet according to 1907/2006/EC, Article 31

Printing date 06.03.2020

Version number 3

Revision: 06.03.2020

**Trade name Nafuflex Profi Tech 2 Powder**

(Contd. of page 4)

- **Penetration time of glove material**      *The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.  
Penetration: ≥ 480 min*
- **Eye protection:**      *Safety glasses  
Tightly sealed safety glasses.*
- **Body protection:**      *Protective work clothing.*

#### SECTION 9: Physical and chemical properties

##### · 9.1 Information on basic physical and chemical properties

##### · General Information

##### · Appearance:

- **Form:**      *Powder*
- **Colour:**      *Grey*
- **Smell:**      *Odourless*

##### · Change in condition

- **Melting point/freezing point:**      *Not determined*
- **Initial boiling point and boiling range:**      *Not applicable*

- **Flash point:**      *Not applicable*

- **Self-inflammability:**      *Product is not selfigniting.*

- **Explosive properties:**      *Product is not explosive.*

- **Density at 20 °C**      *1.27 g/cm<sup>3</sup>*

##### · Solubility in / Miscibility with

- **Water:**      *Fully miscible*

- **9.2 Other information**      *No further relevant information available.*

#### SECTION 10: Stability and reactivity

- **10.1 Reactivity**      *No further relevant information available.*

##### · 10.2 Chemical stability

##### · Thermal decomposition / conditions to be avoided:

*No decomposition if used according to specifications.*

##### · 10.3 Possibility of hazardous reactions

*No dangerous reactions known*

##### · 10.4 Conditions to avoid

*No further relevant information available.*

##### · 10.5 Incompatible materials:

*No further relevant information available.*

##### · 10.6 Hazardous decomposition products:

*No dangerous decomposition products known*

GB

(Contd. on page 6)



BE SURE. BUILD SURE.

### Safety data sheet according to 1907/2006/EC, Article 31

Printing date 06.03.2020

Version number 3

Revision: 06.03.2020

Trade name Nafuflex Profi Tech 2 Powder

(Contd. of page 5)

#### SECTION 11: Toxicological information

**11.1 Information on toxicological effects**

**Acute toxicity** Based on available data, the classification criteria are not met.

**LD/LC50 values that are relevant for classification:**

**65997-15-1 Cement, portland, chemicals**  
**Cr(VI)<2ppm**

Dermal	LD50	2,000 mg/kg (rabbit)
Inhalative	LC50/4 h	5 mg/l (rat)

**Primary irritant effect:**

**Skin corrosion/irritation** Causes skin irritation.

**Serious eye damage/irritation** Causes serious eye damage.

**Respiratory or skin sensitisation**

Based on available data, the classification criteria are not met.

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT-single exposure** Based on available data, the classification criteria are not met.

**STOT-repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

#### SECTION 12: Ecological information

**12.1 Toxicity**

**Aquatic toxicity:**

**11138-49-1 Sodium Aluminate**

LC50/96h	111 mg/l (Gaa)
	111 mg/l (fish)

**12.2 Persistence and degradability**

No further relevant information available.

**12.3 Bioaccumulative potential**

No further relevant information available.

**12.4 Mobility in soil**

No further relevant information available.

**Additional ecological information:**

**General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

**12.5 Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**12.6 Other adverse effects**

No further relevant information available.

GB

(Contd. on page 7)



BE SURE. BUILD SURE.

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 06.03.2020

Version number 3

Revision: 06.03.2020

Trade name Nafuflex Profi Tech 2 Powder

(Contd. of page 6)

### SECTION 13: Disposal considerations

#### · 13.1 Waste treatment methods

· **Recommendation**                      *Must not be disposed of together with household garbage. Do not allow product to reach sewage system.*

#### · **Uncleaned packagings:**

· **Recommendation:**                      *Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.*

### SECTION 14: Transport information

#### · 14.1 UN-Number

· **ADR, ADN, IMDG, IATA**                      *Void*

#### · 14.2 UN proper shipping name

· **ADR, ADN, IMDG, IATA**                      *Void*

#### · 14.3 Transport hazard class(es)

· **ADR, ADN, IMDG, IATA**  
· **Class**    *Void*

#### · 14.4 Packing group

· **ADR, IMDG, IATA**                              *Void*

#### · 14.5 Environmental hazards:

· **Marine pollutant:**                              *No*

· **14.6 Special precautions for user**                      *Not applicable.*

· **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**                      *Not applicable.*

· **UN "Model Regulation":**                      *Void*

### SECTION 15: Regulatory information

#### · 15.2 Chemical safety assessment:

*A Chemical Safety Assessment has not been carried out.*

### SECTION 16: Other information

*These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

· **Relevant phrases**                      *H312 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.*

(Contd. on page 8)



BE SURE. BUILD SURE.

Page 8/8

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 06.03.2020

Version number 3

Revision: 06.03.2020

**Trade name Nafuflex Profi Tech 2 Powder**

(Contd. of page 7)

H318 Causes serious eye damage.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.

· **Department issuing data specification sheet:**

· **Abbreviations and acronyms:**

**Environment protection department.**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1A: Skin corrosion/irritation – Category 1A

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

· \* **Data compared to the previous version altered.**

GB