



## Safety data sheet

This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

### 68-45 - THICK BED FLOOR LEVELLER



#### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier:** 68-45 - THICK BED FLOOR LEVELLER
- Other means of identification:**  
Not relevant
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**  
Relevant uses (Professional users): Floor coating.  
For Professional users only.  
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Details of the supplier of the safety data sheet:**  
Palace Chemicals Ltd  
Speke Hall Industrial Estate  
L24 1YA Liverpool - United Kingdom
- 1.4 Emergency telephone number:** 0151 486 6101

#### SECTION 2: HAZARDS IDENTIFICATION \*\*

- 2.1 Classification of the substance or mixture:**  
This product contains less than 1% of crystalline silica breathable fraction, so it does not require classification based on the provisions of Regulation (EU) 1272/2008 of the European Parliament and of the Council, of December 16, 2008, on classification, labeling and packaging of substances and mixtures, and amending and repealing Directives 67/548/EEC and 1999/45/EC and amending Regulation (EC) No 1907/2006.  
**CLP Regulation (EC) No 1272/2008:**  
Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.  
Eye Dam. 1: Serious eye damage, Category 1, H318  
Skin Irrit. 2: Skin irritation, Category 2, H315  
Skin Sens. 1A: Sensitisation, skin, Category 1A, H317
- 2.2 Label elements:**  
**CLP Regulation (EC) No 1272/2008:**  
**Danger**  
  
**Hazard statements:**  
Eye Dam. 1: H318 - Causes serious eye damage.  
Skin Irrit. 2: H315 - Causes skin irritation.  
Skin Sens. 1A: H317 - May cause an allergic skin reaction.  
**Precautionary statements:**  
P261: Avoid breathing dust  
P264: Wash thoroughly after handling.  
P280: Wear protective gloves/protective clothing/respiratory protection/eye protection/protective footwear.  
P302+P352: IF ON SKIN: Wash with plenty of water.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310: Immediately call a poison center/doctor.  
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
P501: Dispose of contents/container in accordance with regulations on hazardous waste or packaging and packaging waste respectively.  
**Substances that contribute to the classification**  
Cement, portland, chemicals (contains less than 0,0002 % soluble chromium (VI) of the total dry weight of the cement);  
Neopentyl glycol propoxylate diacrylate  
**UFI:** MN20-K02G-V00D-WA73
- 2.3 Other hazards:**

\*\* Changes with regards to the previous version

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#### SECTION 2: HAZARDS IDENTIFICATION \*\* (continued)

Product does not meet PBT/vPvB criteria  
Endocrine-disrupting properties: The product does not meet the criteria.  
May form explosible dust-air mixture if dispersed

\*\* Changes with regards to the previous version

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS \*\*

##### 3.1 Substance:

Not relevant

##### 3.2 Mixture:

**Chemical description:** Mixture of binders, aggregates and additives

##### Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

| Identification                                                                          | Chemical name/Classification                                                                                                                                                                                                                       | Concentration |
|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| CAS: 65997-15-1<br>EC: 266-043-4<br>Index: Not relevant<br>REACH: Not relevant          | <b>Cement, portland, chemicals (contains less than 0,0002 % soluble chromium (VI) of the total dry weight of the cement)<sup>(1)</sup></b> Self-classified<br>Regulation 1272/2008 Eye Dam. 1: H318; Skin Irrit. 2: H315; STOT SE 3: H335 - Danger | 10 - <25 %    |
| CAS: 65997-16-2<br>EC: 266-045-5<br>Index: Not relevant<br>REACH: 01-2119989490-26-XXXX | <b>Cement, alumina, chemicals<sup>(1)</sup></b> Self-classified<br>Regulation 1272/2008 Eye Irrit. 2: H319 - Warning                                                                                                                               | 2.5 - <10 %   |
| CAS: 1305-62-0<br>EC: 215-137-3<br>Index: Not relevant<br>REACH: 01-2119475151-45-XXXX  | <b>Calcium dihydroxide<sup>(2)</sup></b> Self-classified<br>Regulation 1272/2008 Eye Dam. 1: H318; Skin Irrit. 2: H315; STOT SE 3: H335 - Danger                                                                                                   | <1 %          |
| CAS: 84170-74-1<br>EC: 617-546-6<br>Index: Not relevant<br>REACH: 01-2119970213-43-XXXX | <b>Neopentyl glycol propoxylate diacrylate<sup>(1)</sup></b> Self-classified<br>Regulation 1272/2008 Aquatic Chronic 2: H411; Skin Sens. 1A: H317 - Warning                                                                                        | <1 %          |

<sup>(1)</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

<sup>(2)</sup> Substance with a Union workplace exposure limit

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

\*\* Changes with regards to the previous version

#### SECTION 4: FIRST AID MEASURES

##### 4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

##### By inhalation:

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

##### By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

##### By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

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#### SECTION 4: FIRST AID MEASURES (continued)

##### By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

##### 4.2 Most important symptoms and effects, both acute and delayed:

Acute and delayed effects are indicated in sections 2 and 11.

##### 4.3 Indication of any immediate medical attention and special treatment needed:

Not relevant

#### SECTION 5: FIREFIGHTING MEASURES

##### 5.1 Extinguishing media:

###### Suitable extinguishing media:

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

###### Unsuitable extinguishing media:

Non-applicable

##### 5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

##### 5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and Self Contained Breathing Apparatus. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

###### Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

##### 6.1 Personal precautions, protective equipment and emergency procedures:

###### For non-emergency personnel:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

###### For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

##### 6.2 Environmental precautions:

It is recommended to avoid environmental spillage of both the product and its container.

##### 6.3 Methods and material for containment and cleaning up:

It is recommended:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

##### 6.4 Reference to other sections:

See sections 8 and 13.

#### SECTION 7: HANDLING AND STORAGE

##### 7.1 Precautions for safe handling:

A.- General precautions for safe use

Use in ventilated areas. Avoid the build up of dust

B.- Technical recommendations for the prevention of fires and explosions

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#### SECTION 7: HANDLING AND STORAGE (continued)

Due to its non-inflammable nature, the product does not present a fire risk under normal conditions of storage, handling and use.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

Preferably use vacuum extraction for cleaning. Due to the presence of environmentally hazardous substances in the product, it is advisable to use cleaning methods that minimize its dispersion into the surround

#### 7.2 Conditions for safe storage, including any incompatibilities:

A.- Specific storage requirements

Minimum Temp.: 5 °C

Maximum Temp.: 30 °C

Maximum time: 6 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5 Keep the container tightly sealed and protected from open air and humidity.

#### 7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

##### 8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

| Identification                                      |  | Occupational exposure limits |                     |
|-----------------------------------------------------|--|------------------------------|---------------------|
| Calcium dihydroxide<br>CAS: 1305-62-0 EC: 215-137-3 |  | IOELV (8h)                   | 1 mg/m <sup>3</sup> |
|                                                     |  | IOELV (STEL)                 | 4 mg/m <sup>3</sup> |

Nuisance dust: Inhalable dust 10 mg/m<sup>3</sup> // Respirable dust 4 mg/m<sup>3</sup>

##### DNEL (Workers):

| Identification                                                              |            | Short exposure      |                     | Long exposure          |                     |
|-----------------------------------------------------------------------------|------------|---------------------|---------------------|------------------------|---------------------|
|                                                                             |            | Systemic            | Local               | Systemic               | Local               |
| Cement, alumina, chemicals<br>CAS: 65997-16-2<br>EC: 266-045-5              | Oral       | Not available       | Not available       | Not available          | Not available       |
|                                                                             | Dermal     | Not available       | Not available       | Not available          | Not available       |
|                                                                             | Inhalation | 5 mg/m <sup>3</sup> | Not available       | 2,5 mg/m <sup>3</sup>  | Not available       |
| Calcium dihydroxide<br>CAS: 1305-62-0<br>EC: 215-137-3                      | Oral       | Not available       | Not available       | Not available          | Not available       |
|                                                                             | Dermal     | Not available       | Not available       | Not available          | Not available       |
|                                                                             | Inhalation | Not available       | 4 mg/m <sup>3</sup> | Not available          | 1 mg/m <sup>3</sup> |
| Neopentyl glycol propoxylate diacrylate<br>CAS: 84170-74-1<br>EC: 617-546-6 | Oral       | Not available       | Not available       | Not available          | Not available       |
|                                                                             | Dermal     | Not available       | Not available       | 46,7 mg/kg             | Not available       |
|                                                                             | Inhalation | Not available       | Not available       | 32,9 mg/m <sup>3</sup> | Not available       |

##### DNEL (General population):

| Identification                                         |            | Short exposure |                     | Long exposure |                     |
|--------------------------------------------------------|------------|----------------|---------------------|---------------|---------------------|
|                                                        |            | Systemic       | Local               | Systemic      | Local               |
| Calcium dihydroxide<br>CAS: 1305-62-0<br>EC: 215-137-3 | Oral       | Not available  | Not available       | Not available | Not available       |
|                                                        | Dermal     | Not available  | Not available       | Not available | Not available       |
|                                                        | Inhalation | Not available  | 4 mg/m <sup>3</sup> | Not available | 1 mg/m <sup>3</sup> |

##### PNEC:

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**68-45 - THICK BED FLOOR LEVELLER****SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)**

| Identification                                                              |              |               |                         |               |
|-----------------------------------------------------------------------------|--------------|---------------|-------------------------|---------------|
| Cement, alumina, chemicals<br>CAS: 65997-16-2<br>EC: 266-045-5              | STP          | 10 mg/L       | Fresh water             | 260 mg/L      |
|                                                                             | Soil         | Not available | Marine water            | Not available |
|                                                                             | Intermittent | 260 mg/L      | Sediment (Fresh water)  | Not available |
|                                                                             | Oral         | Not available | Sediment (Marine water) | Not available |
| Calcium dihydroxide<br>CAS: 1305-62-0<br>EC: 215-137-3                      | STP          | 3 mg/L        | Fresh water             | 0,49 mg/L     |
|                                                                             | Soil         | 1080 mg/kg    | Marine water            | 0,32 mg/L     |
|                                                                             | Intermittent | 0,49 mg/L     | Sediment (Fresh water)  | Not available |
|                                                                             | Oral         | Not available | Sediment (Marine water) | Not available |
| Neopentyl glycol propoxylate diacrylate<br>CAS: 84170-74-1<br>EC: 617-546-6 | STP          | 0,1 mg/L      | Fresh water             | 0,003 mg/L    |
|                                                                             | Soil         | 0,011 mg/kg   | Marine water            | 0 mg/L        |
|                                                                             | Intermittent | 0,027 mg/L    | Sediment (Fresh water)  | 0,064 mg/kg   |
|                                                                             | Oral         | Not available | Sediment (Marine water) | 0,006 mg/kg   |

**8.2 Exposure controls:****A.- Individual protection measures, such as personal protective equipment**

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

**B.- Respiratory protection**

| Pictogram                                  | PPE                                                                 | Labelling   | CEN Standard                                                  | Remarks                                                                                                                 |
|--------------------------------------------|---------------------------------------------------------------------|-------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <br>Mandatory respiratory tract protection | Filter mask for gases, vapours and particles (Filter type: P2/FFP2) | <br>CAT III | EN 149:2001+A1:2010<br>EN 405:2002+A1:2010<br>EN ISO 136:1998 | Replace when an increase in resistance to breathing is observed and/or a smell or taste of the contaminant is detected. |

**C.- Specific protection for the hands**

| Pictogram                     | PPE                                                                                              | Labelling   | CEN Standard      | Remarks                                          |
|-------------------------------|--------------------------------------------------------------------------------------------------|-------------|-------------------|--------------------------------------------------|
| <br>Mandatory hand protection | Chemical protective gloves (Material: Nitrile, Breakthrough time: > 480 min, Thickness: 0.15 mm) | <br>CAT III | EN ISO 21420:2020 | Replace the gloves at any sign of deterioration. |

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

**D.- Eye and face protection**

| Pictogram                     | PPE                                           | Labelling  | CEN Standard                    | Remarks                                                                                                                   |
|-------------------------------|-----------------------------------------------|------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <br>Mandatory face protection | Panoramic glasses against splash/projections. | <br>CAT II | EN 166:2002<br>EN ISO 4007:2018 | Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing. |

**E.- Body protection**

| Pictogram | PPE                  | Labelling  | CEN Standard      | Remarks                                                                                                                                                                                                                                                           |
|-----------|----------------------|------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           | Work clothing        | <br>CAT I  |                   | Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994. |
|           | Anti-slip work shoes | <br>CAT II | EN ISO 20347:2022 | Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 20345:2022 y EN 13832-1:2019                                 |

**F.- Additional emergency measures**

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#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

It is advised to implement additional emergency equipments in workplaces that are particularly exposed to the product or in situations where risk assessments highlight the necessity of such equipments.

| Emergency measure                                                                                     | Standards                                       | Emergency measure                                                                                      | Standards                                      |
|-------------------------------------------------------------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------------------------------------|------------------------------------------------|
| <br>Emergency shower | ANSI Z358-1<br>ISO 3864-1:2011, ISO 3864-4:2011 | <br>Eyewash stations | DIN 12 899<br>ISO 3864-1:2011, ISO 3864-4:2011 |

#### Environmental exposure controls:

To comply with environmental protection regulations, it is recommended to prevent any spillage of the product and its container. For more detailed information, please refer to subsection 7.1.D.

#### Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

|                           |                             |
|---------------------------|-----------------------------|
| V.O.C. (Supply):          | 0 % weight                  |
| V.O.C. density at 20 °C:  | 0 kg/m <sup>3</sup> (0 g/L) |
| Average carbon number:    | Not available               |
| Average molecular weight: | Not available               |

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

For complete information see the product datasheet.

#### Appearance:

|                          |                                                                                          |
|--------------------------|------------------------------------------------------------------------------------------|
| Physical state at 20 °C: | Solid                                                                                    |
| Appearance:              | Powdery                                                                                  |
| Colour:                  |  Grey |
| Odour:                   | Not available *                                                                          |
| Odour threshold:         | Not available *                                                                          |

#### Volatility:

|                                        |                 |
|----------------------------------------|-----------------|
| Boiling point at atmospheric pressure: | Not available * |
| Vapour pressure at 20 °C:              | Not available * |
| Vapour pressure at 50 °C:              | Not available * |
| Evaporation rate at 20 °C:             | Not available * |

#### Product description:

|                                              |                       |
|----------------------------------------------|-----------------------|
| Density at 20 °C:                            | 1,7 kg/m <sup>3</sup> |
| Relative density at 20 °C:                   | 2                     |
| Dynamic viscosity at 20 °C:                  | Not available *       |
| Kinematic viscosity at 20 °C:                | Not available *       |
| Kinematic viscosity at 40 °C:                | Not available *       |
| Concentration:                               | Not available *       |
| pH:                                          | >11                   |
| Vapour density at 20 °C:                     | Not available *       |
| Partition coefficient n-octanol/water 20 °C: | Not available *       |
| Solubility in water at 20 °C:                | Not available *       |
| Solubility properties:                       | Not available *       |
| Decomposition temperature:                   | Not available *       |
| Melting point/freezing point:                | Not available *       |

#### Flammability:

\*Not available due to the nature of the product, not providing information property of its hazards.

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#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Flash Point: Not available \*

Flammability (solid, gas): Not available \*

Autoignition temperature: Not available \*

Lower flammability limit: Not available \*

Upper flammability limit: Not available \*

##### **Explosive (Solid):**

Lower explosive limit: Not available \*

Upper explosive limit: Not available \*

##### **Particle characteristics:**

Median equivalent diameter: 300 µm

#### **9.2 Other information:**

##### **Information with regard to physical hazard classes:**

Explosive properties: Not available \*

Oxidising properties: Not available \*

Corrosive to metals: Not available \*

Heat of combustion: Not available \*

Aerosols-total percentage (by mass) of flammable components: Not available \*

##### **Other safety characteristics:**

Surface tension at 20 °C: Not available \*

Refraction index: Not available \*

\*Not available due to the nature of the product, not providing information property of its hazards.

#### SECTION 10: STABILITY AND REACTIVITY

##### **10.1 Reactivity:**

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

##### **10.2 Chemical stability:**

Chemically stable under the indicated conditions of storage, handling and use.

##### **10.3 Possibility of hazardous reactions:**

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

##### **10.4 Conditions to avoid:**

Applicable for handling and storage at room temperature:

| Shock and friction | Contact with air | Increase in temperature | Sunlight       | Humidity            |
|--------------------|------------------|-------------------------|----------------|---------------------|
| Not applicable     | Not applicable   | Not applicable          | Not applicable | Avoid direct impact |

##### **10.5 Incompatible materials:**

| Acids        | Water                                    | Oxidising materials | Combustible materials | Others                                      |
|--------------|------------------------------------------|---------------------|-----------------------|---------------------------------------------|
| Incompatible | Silicate formation and calcium hydroxide | Not applicable      | Not applicable        | Base metal salts (Al, NH <sub>4</sub> ,...) |

##### **10.6 Hazardous decomposition products:**

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO<sub>2</sub>), carbon monoxide and other organic compounds.

#### SECTION 11: TOXICOLOGICAL INFORMATION \*\*

##### **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:**

\*\* Changes with regards to the previous version

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#### SECTION 11: TOXICOLOGICAL INFORMATION \*\* (continued)

The experimental information related to the toxicological properties of the product itself is not available

##### Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

##### A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for consumption. For more information see section 3
- Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.

##### B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.

##### C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Produces skin inflammation.
- Contact with the eyes: Produces serious eye damage after contact.

##### D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.  
IARC: Not relevant
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

##### E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.

##### F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.

##### G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

##### H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

##### Other information:

Contact with human skin, without adequate protection, can result in skin thickening, cracking, or fissuring

##### Specific toxicology information on the substances:

| Identification                                                                                                                                            | Acute toxicity       |             | Genus |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------|-------|
| Cement, alumina, chemicals<br>CAS: 65997-16-2<br>EC: 266-045-5                                                                                            | LD50 oral            | >2000 mg/kg |       |
|                                                                                                                                                           | LD50 dermal          | >2000 mg/kg |       |
|                                                                                                                                                           | LC50 inhalation dust | >5 mg/L     |       |
| Cement, portland, chemicals (contains less than 0,0002 % soluble chromium (VI) of the total dry weight of the cement)<br>CAS: 65997-15-1<br>EC: 266-043-4 | LD50 oral            | >2000 mg/kg |       |
|                                                                                                                                                           | LD50 dermal          | >2000 mg/kg |       |
|                                                                                                                                                           | LC50 inhalation dust | >5 mg/L     |       |

\*\* Changes with regards to the previous version

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**68-45 - THICK BED FLOOR LEVELLER****SECTION 11: TOXICOLOGICAL INFORMATION \*\* (continued)**

| Identification                                                              | Acute toxicity         |             | Genus |
|-----------------------------------------------------------------------------|------------------------|-------------|-------|
| Calcium dihydroxide<br>CAS: 1305-62-0<br>EC: 215-137-3                      | LD50 oral              | >2000 mg/kg |       |
|                                                                             | LD50 dermal            | >2000 mg/kg |       |
|                                                                             | LC50 inhalation dust   | >5 mg/L     |       |
| Neopentyl glycol propoxylate diacrylate<br>CAS: 84170-74-1<br>EC: 617-546-6 | LD50 oral              | >2000 mg/kg |       |
|                                                                             | LD50 dermal            | >2000 mg/kg |       |
|                                                                             | LC50 inhalation vapour | >20 mg/L    |       |

**11.2 Information on other hazards:****Endocrine disrupting properties**

Endocrine-disrupting properties: The product does not meet the criteria.

**Other information**

Not relevant

\*\* Changes with regards to the previous version

**SECTION 12: ECOLOGICAL INFORMATION**

The experimental information related to the eco-toxicological properties of the product itself is not available

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

**12.1 Toxicity:****Acute toxicity:**

| Identification                                                              | Concentration |                    | Species                         | Genus      |
|-----------------------------------------------------------------------------|---------------|--------------------|---------------------------------|------------|
| Calcium dihydroxide<br>CAS: 1305-62-0<br>EC: 215-137-3                      | LC50          | 50,6 mg/L (96 h)   | Oncorhynchus mykiss             | Fish       |
|                                                                             | EC50          | 49,1 mg/L (48 h)   | Daphnia magna                   | Crustacean |
|                                                                             | EC50          | 184,57 mg/L (72 h) | Pseudokirchneriella subcapitata | Algae      |
| Neopentyl glycol propoxylate diacrylate<br>CAS: 84170-74-1<br>EC: 617-546-6 | LC50          | 2,7 mg/L (96 h)    | Danio rerio                     | Fish       |
|                                                                             | EC50          | 37 mg/L (48 h)     | Daphnia magna                   | Crustacean |
|                                                                             | EC50          | 3,4 mg/L (72 h)    | Pseudokirchneriella subcapitata | Algae      |

**Chronic toxicity:**

| Identification                                      | Concentration |              | Species               | Genus      |
|-----------------------------------------------------|---------------|--------------|-----------------------|------------|
| Calcium dihydroxide<br>CAS: 1305-62-0 EC: 215-137-3 | NOEC          | Not relevant |                       |            |
|                                                     | NOEC          | 32 mg/L      | Crangon septemspinosa | Crustacean |

**12.2 Persistence and degradability:****Substance-specific information:**

| Identification                                                              | Degradability |              | Biodegradability |         |
|-----------------------------------------------------------------------------|---------------|--------------|------------------|---------|
| Neopentyl glycol propoxylate diacrylate<br>CAS: 84170-74-1<br>EC: 617-546-6 | BOD5          | Not relevant | Concentration    | 2 mg/L  |
|                                                                             | COD           | Not relevant | Period           | 56 days |
|                                                                             | BOD5/COD      | Not relevant | % Biodegradable  | 70 %    |

**12.3 Bioaccumulative potential:**

Not relevant

**12.4 Mobility in soil:**

Not relevant

**12.5 Results of PBT and vPvB assessment:**

Product does not meet PBT/vPvB criteria

**12.6 Endocrine disrupting properties:**

Endocrine-disrupting properties: The product does not meet the criteria.

**12.7 Other adverse effects:**

Not described

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#### SECTION 13: DISPOSAL CONSIDERATIONS

##### 13.1 Waste treatment methods:

| Code      | Description                                                                       | Waste class (Regulation (EU) No 1357/2014) |
|-----------|-----------------------------------------------------------------------------------|--------------------------------------------|
| 08 01 11* | waste paint and varnish containing organic solvents or other hazardous substances | Hazardous                                  |

Product - Cement that has exceeded its shelf life: 10 13 99

Product - Unused residue or dry spillage: 10 13 06

Product - after addition of water, hardened: 10 13 14, 17 01 01

##### Type of waste (Regulation (EU) No 1357/2014):

HP4 Irritant — skin irritation and eye damage

##### Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2.

##### Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

#### SECTION 14: TRANSPORT INFORMATION

This product is not regulated for transport (ADR/RID,IMDG,IATA)

#### SECTION 15: REGULATORY INFORMATION

##### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

- Article 95, REGULATION (EU) No 528/2012: *Calcium dihydroxide (1305-62-0) - PT: (2,3)*
- Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Not relevant
- Regulation (EU) 2019/1021 on persistent organic pollutants: Not relevant
- Regulation (EU) No 2024/590, about substances that deplete the ozone layer: Not relevant
- REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Not relevant
- Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Not relevant

##### Seveso III:

Not relevant

##### Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....):

1. Cement and cement-containing mixtures shall not be placed on the market, or used, if they contain, when hydrated, more than 2 mg/kg (0,0002 %) soluble chromium VI of the total dry weight of the cement.
2. If reducing agents are used, then without prejudice to the application of other Community provisions on the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that the packaging of cement or cement-containing mixtures is visibly, legibly and indelibly marked with information on the packing date, as well as on the storage conditions and the storage period appropriate to maintaining the activity of the reducing agent and to keeping the content of soluble chromium VI below the limit indicated in paragraph 1.
3. By way of derogation, paragraphs 1 and 2 shall not apply to the placing on the market for, and use in, controlled closed and totally automated processes in which cement and cement-containing mixtures are handled solely by machines and in which there is no possibility of contact with the skin.

Laboral exposure to respirable crystalline silica must be controlled in accordance with Directive (EU) 2022/431, of the European Parliament and of the Council, of March 9, 2022, amending Directive 2004/37/EC, relating to the protection of workers against risks related to exposure to carcinogens or mutagens during work.

##### Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

##### Other legislation:

The product could be affected by sectorial legislation

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#### SECTION 15: REGULATORY INFORMATION (continued)

##### 15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

#### SECTION 16: OTHER INFORMATION \*\*

##### Legislation related to safety data sheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

##### Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

##### COMPOSITION/INFORMATION ON INGREDIENTS (SECTION 3, SECTION 11):

###### · New declared substances

Cement, portland, chemicals (contains less than 0,0002 % soluble chromium (VI) of the total dry weight of the cement) (65997-15-1)

Cement, alumina, chemicals (65997-16-2)

###### · Removed substances

Calcium sulfoaluminate clinker

Cement, portland, chemicals (contains more than 0,0002 % soluble chromium (VI) of the total dry weight of the cement) (65997-15-1)

##### Substances that contribute to the classification (SECTION 2):

###### · New declared substances

Cement, portland, chemicals (contains less than 0,0002 % soluble chromium (VI) of the total dry weight of the cement) (65997-15-1)

###### · Removed substances

Calcium sulfoaluminate clinker

Cement, portland, chemicals (contains more than 0,0002 % soluble chromium (VI) of the total dry weight of the cement) (65997-15-1)

##### CLP Regulation (EC) No 1272/2008 (SECTION 2, SECTION 16):

###### · Hazard statements

###### · Precautionary statements

##### Texts of the legislative phrases mentioned in section 2:

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H315: Causes skin irritation.

##### Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

##### CLP Regulation (EC) No 1272/2008:

Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.

Eye Dam. 1: H318 - Causes serious eye damage.

Eye Irrit. 2: H319 - Causes serious eye irritation.

Skin Irrit. 2: H315 - Causes skin irritation.

Skin Sens. 1A: H317 - May cause an allergic skin reaction.

STOT SE 3: H335 - May cause respiratory irritation.

##### Classification procedure:

Skin Sens. 1A: Calculation method

Eye Dam. 1: Calculation method

Skin Irrit. 2: Calculation method

##### Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

##### Principal bibliographical sources:

<http://echa.europa.eu>

<http://eur-lex.europa.eu>

##### Abbreviations and acronyms:

\*\* Changes with regards to the previous version

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#### SECTION 16: OTHER INFORMATION \*\* (continued)

ADR: European agreement concerning the international carriage of dangerous goods by road  
IMDG: International maritime dangerous goods code  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organisation  
COD: Chemical Oxygen Demand  
BOD5: 5day biochemical oxygen demand  
BCF: Bioconcentration factor  
LD50: Lethal Dose 50  
LC50: Lethal Concentration 50  
EC50: Effective concentration 50  
LogPOW: Octanolwater partition coefficient  
Koc: Partition coefficient of organic carbon  
UFI: unique formula identifier  
IARC: International Agency for Research on Cancer

PALACE CHEMICALS Ltd

*\*\* Changes with regards to the previous version*

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -