

# SAFETY DATA SHEET

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

### 1.1. Product identifier

**Trade name**

UNIPAK jointing compound

**Product no.**

-

**REACH registration number**

Not applicable

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified uses of the substance or mixture**

Sealant.

**Uses advised against**

-

The full text of any mentioned and identified use categories are given in section 16

### 1.3. Details of the supplier of the safety data sheet

**Company and address**

Unipak A/S  
Marktoften 3C  
8464 Galten  
Denmark

Tel: +45 8626 1177

**E-mail**

sales@unipak.dk

**SDS date**

2019-03-26

**SDS Version**

1.0

### 1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service). See section 4 "First aid measures".

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP)

### 2.2. Label elements

**Hazard pictogram(s)**

Not applicable

**Signal word**

-

**Hazard statement(s)**

Not applicable

**Precautionary statements**

General	-
Prevention	-
Response	-
Storage	-
Disposal	-

**Identity of the substances primarily responsible for the major health hazards**

Not applicable

### 2.3. Other hazards

Not applicable

#### Additional labelling

Not applicable

#### Additional warnings

Not applicable

## SECTION 3: Composition/information on ingredients

### 3.1/3.2. Substances/Mixtures

NAME: Calcium carbonate  
 IDENTIFICATION NOS.: CAS-no: 1317-65-3 EC-no: 215-279-6 REACH-no: Exempted in accordance Annex V.7  
 CONTENT: 15 - <25%  
 GHS CLASSIFICATION: NA

NAME: talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>)  
 IDENTIFICATION NOS.: CAS-no: 14807-96-6 EC-no: 238-877-9 REACH-no: Exempted in accordance with Annex V.7  
 CONTENT: 15 - <25%  
 GHS CLASSIFICATION: NA

NAME: paraffinolie (råolie)  
 IDENTIFICATION NOS.: CAS-no: 8042-47-5 EC-no: 232-455-8 REACH-no: 01-2119487078-27  
 CONTENT: 5 - <10%  
 GHS CLASSIFICATION: Asp. Tox. 1  
 H304

NAME: graphit  
 IDENTIFICATION NOS.: CAS-no: 7782-42-5 EC-no: 231-955-3  
 CONTENT: 1 - <2.5%  
 GHS CLASSIFICATION: NA

NAME: Titanium dioxide  
 IDENTIFICATION NOS.: CAS-no: 13463-67-7 EC-no: 236-675-5 REACH-no: 01-2119489379-17  
 CONTENT: 0.25 - <1%  
 GHS CLASSIFICATION: NA

(\*) See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

### Other information

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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. The doctor can contact The National Poisons Information Service.

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

#### Inhalation

Bring the person into fresh air and stay with him/her.

#### Skin contact

Immediately remove contaminated clothing and shoes. Ensure that skin, which has been exposed to the material, is washed thoroughly with soap and water. Skin cleanser can be used. DO NOT use solvents or thinners.

#### Eye contact

Remove contact lenses and open eyes widely. Flush eyes with water or saline water(20-30°C) for at least 15 minutes. Seek medical assistance and continue flushing during transport.

#### Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

**Burns**

Not applicable

**4.2. Most important symptoms and effects, both acute and delayed**

Nothing special

**4.3. Indication of any immediate medical attention and special treatment needed**

Nothing special

**Information to medics**

Bring this safety data sheet.

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Waterjets should not be used, since they can spread the fire.

**5.2. Special hazards arising from the substance or mixture**

Nothing special

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service in order to obtain further advice.

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

No specific requirements.

**6.2. Environmental precautions**

No specific requirements.

**6.3. Methods and material for containment and cleaning up**

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

**6.4. Reference to other sections**

See section on "Disposal considerations" in regard of handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

See section on 'Exposure controls/personal protection' for information on personal protection.

**7.2. Conditions for safe storage, including any incompatibilities**

Always store in containers of the same material as the original container.

**Storage temperature**

No data available.

**7.3. Specific end use(s)**

This product should only be used for applications quoted in section 1.2

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

**8.1. Control parameters**

**OEL**

Titanium dioxide

Long-term exposure limit (8-hour TWA reference period): - ppm | 10(inh)/4(resp) mg/m<sup>3</sup>

Short-term exposure limit (15-minute reference period): - ppm | - mg/m<sup>3</sup>

talca (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>)

Long-term exposure limit (8-hour TWA reference period): - ppm | 1 mg/m<sup>3</sup>

Short-term exposure limit (15-minute reference period): - ppm | - mg/m<sup>3</sup>

Calcium carbonate

Long-term exposure limit (8-hour TWA reference period): - ppm | 10(inh)/4(resp) mg/m<sup>3</sup>

Short-term exposure limit (15-minute reference period): - ppm | - mg/m<sup>3</sup>

**DNEL / PNEC**

DNEL (Titanium dioxide): 10 mg/m<sup>3</sup>  
 Exposure: Inhalation  
 Duration of Exposure: Long term

PNEC (Titanium dioxide): 0,127 mg/L  
 Exposure: Freshwater

PNEC (Titanium dioxide): >= 1 mg/L  
 Exposure: Marine water

PNEC (Titanium dioxide): 0,61 mg/L  
 Exposure: Water

PNEC (Titanium dioxide): >= 1000 mg/L  
 Exposure: Freshwater sediment

PNEC (Titanium dioxide): >= 100 mg/L  
 Exposure: Marine water sediment

PNEC (Titanium dioxide): 100 mg/L  
 Exposure: Soil

PNEC (Titanium dioxide): >= 100 mg/L  
 Exposure: Sewage Treatment Plant

## 8.2. Exposure controls

Compliance with the accepted occupational exposure limits values should be controlled on a regular basis.

### General recommendations

Smoking, eating and drinking are not allowed in the work premises

### Exposure scenarios

In the event exposure scenarios are appended to the safety data sheet, the operational conditions and risk management measures in these shall be complied with.

### Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

### Appropriate technical measures

Airborne gas and dust concentrations must be kept at a minimum and below current limit values (see above). Installation of an exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and -showers are clearly marked.

### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

### Measures to avoid environmental exposure

No specific requirements.

## Individual protection measures, such as personal protective equipment

### Generally

Use only CE marked protective equipment.

### Respiratory Equipment

No specific requirements.

### Skin protection

No specific requirements.

### Hand protection

Household gloves

### Eye protection

No specific requirements.

## SECTION 9: Physical and chemical properties

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

Form	Pasta
Colour	Gray
Odour	None
Odour threshold (ppm)	No data available.
pH	9

Viscosity (40°C)	No data available.
Density (g/cm <sup>3</sup> )	1,44
<b>Phase changes</b>	
Melting point (°C)	No data available.
Boiling point (°C)	No data available.
Vapour pressure	No data available.
Decomposition temperature (°C)	No data available.
Evaporation rate (n-butylacetate = 100)	No data available.
<b>Data on fire and explosion hazards</b>	
Flash point (°C)	No data available.
Ignition (°C)	No data available.
Auto flammability (°C)	No data available.
Explosion limits (% v/v)	No data available.
Explosive properties	No data available.
<b>Solubility</b>	
Solubility in water	Soluble
n-octanol/water coefficient	No data available.
<b>9.2. Other information</b>	
Solubility in fat (g/L)	No data available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available

### 10.2. Chemical stability

The product is stable under the conditions, noted in the section "Handling and storage".

### 10.3. Possibility of hazardous reactions

Nothing special

### 10.4. Conditions to avoid

Nothing special

### 10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

Substance: Titanium dioxide

Species: Rat

Test: LD50

Route of exposure: Oral

Result: > 5000 mg/kg

Substance: Titanium dioxide

Species: Rat

Test: LC50

Route of exposure: Inhalation

Result: > 6,8 mg/L/4h

Substance: Calcium carbonate

Species: Rat

Test: LD50

Route of exposure: Oral

Result: > 2000 mg/L

#### Skin corrosion/irritation

No data available.

#### Serious eye damage/irritation

No data available.

#### Respiratory or skin sensitisation

No data available. Data on substance: Titanium dioxide

- Organism: Rat
- Germ cell mutagenicity**  
No data available.
- Carcinogenicity**  
Data on substance: Titanium dioxide
- Reproductive toxicity**  
No data available.
- STOT-single exposure**  
No data available.
- STOT-repeated exposure**  
No data available.
- Aspiration hazard**  
No data available.
- Long term effects**  
Nothing special

## SECTION 12: Ecological information

### 12.1. Toxicity

Substance: Titanium dioxide  
Species: Fish  
Test: LC50  
Duration: 96h  
Result: > 1000 mg/L

Substance: Titanium dioxide  
Species: Daphnia  
Test: EC50  
Duration: 48h  
Result: > 1000 mg/L

Substance: Titanium dioxide  
Species: Algae  
Test: EC50  
Duration: 72h  
Result: 61 mg/L

Substance: talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>)  
Species: Fish  
Test: LC50  
Duration: 24h  
Result: >100 mg/L

Substance: Calcium carbonate  
Species: Fish  
Test: LC50  
Duration: 96 h  
Result: > 10000 mg/L

Substance: Calcium carbonate  
Species: Algae  
Test: LC50  
Duration: 72 h  
Result: > 200 mg/L

Substance: Calcium carbonate  
Species: Daphnia  
Test: LC50  
Duration: 48 h  
Result: > 1000 mg/L

### 12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
No data available.			

### 12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BCF
Titanium dioxide	No	No data available	No data available

### 12.4. Mobility in soil

No data available

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

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

**12.6. Other adverse effects**

Nothing special

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

Product is not covered by regulations on dangerous waste.

**Waste**

EWC code

08 04 99 wastes not otherwise specified

**Specific labelling**

Not applicable

**Contaminated packing**

No specific requirements.

**SECTION 14: Transport information**

**14.1 – 14.4**

Not dangerous goods according to ADR, IATA and IMDG.

**ADR/RID**

- 14.1. UN number -
- 14.2. UN proper shipping name -
- 14.3. Transport hazard class(es) -
- 14.4. Packing group -
- Notes -
- Tunnel restriction code -

**IMDG**

- UN-no. -
- Proper Shipping Name -
- Class -
- PG\* -
- EmS -
- MP\*\* -
- Hazardous constituent -

**IATA/ICAO**

- UN-no. -
- Proper Shipping Name -
- Class -
- PG\* -

**14.5. Environmental hazards**

-

**14.6. Special precautions for user**

-

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

No data available

(\*) Packing group

(\*\*) Marine pollutant

**SECTION 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Restrictions for application**

-

**Demands for specific education**

-

**Additional information**

Not applicable

**Seveso**

-

**Sources**

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677. The Stationery Office, 2002.

Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

Fifth revised edition, UNITED NATIONS (New York and Geneva, 2013).

**15.2. Chemical safety assessment**

No

**SECTION 16: Other information**

**Full text of H-phrases as mentioned in section 3**

H304 - May be fatal if swallowed and enters airways.

**The full text of identified uses as mentioned in section 1**

-

**Additional label elements**

Not applicable

**Other**

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.