

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

Printing date 11.03.2022

Version number 10

Revision: 11.03.2022

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

- 1.1 Product identifier
- Trade name: **THERMOPAL-FS33**
- 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 Knife filler/ Surfacer
- 1.3 Details of the supplier of the safety data sheet
- **Manufacturer/Supplier:**
"SCHOMBURG GmbH & Co. KG
Aquafinstr. 2-8
D-32760 Detmold
Germany

Tel: ++49 (0)5231/953-00
Fax: ++49 (0)5231/953-123
email: info@schomburg.de
web: www.schomburg.de"
- **Informing department:**
Product Safety Department

Tel: ++49 (0)5231/953-770
email: SDB@schomburg.de

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008



corrosion

Eye Dam. 1 H318 Causes serious eye damage.



Skin Irrit. 2 H315 Causes skin irritation.

- 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
- **Signal word** Danger
- **Hazard-determining components of labelling:**
calcium dihydroxide
Cement, portland, chemicals
- **Hazard statements**
H315 Causes skin irritation.
H318 Causes serious eye damage.
- **Precautionary statements**
P264 Wash thoroughly after handling.
P280 Wear protective gloves / eye protection / face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.

(Contd. on page 2)

Trade name: **THERMOPAL-FS33**

(Contd. of page 1)

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P332+P313 If skin irritation occurs: Get medical advice/attention.
 P363 Wash contaminated clothing before reuse.

- **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:** Product based on cement and mineral filler.

- **Dangerous components:**

CAS: 1305-62-0	calcium dihydroxide	2.5-10%
EINECS: 215-137-3	☠ Eye Dam. 1, H318; ☠ Skin Irrit. 2, H315; STOT SE 3, H335	
CAS: 65997-15-1	Cement, portland, chemicals	2.5-10%
EINECS: 266-043-4	☠ Eye Dam. 1, H318; ☠ Skin Irrit. 2, H315; STOT SE 3, H335	
CAS: 13463-67-7	titanium dioxide	<1%
EINECS: 236-675-5	☠ Carc. 2, H351	
Index number: 022-006-00-2		

- **Additional information**

The chromate content in cement is less than 2 ppm so that the labelling with H317 is not applicable (1907/2006/EG, Annex XVII (47)).
 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** Personal protection for the First Aider.
- **After inhalation**
Supply fresh air; consult doctor in case of symptoms.
Carry persons out of the dust-contaminated area.
- **After skin contact** After contact, clean the skin mechanical and rinse with water and soap.
- **After eye contact**
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- **After swallowing**
Drink copious amounts of water and provide fresh air. Instantly call for doctor.
Avert vomiting.
- **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**
Product is not inflammable.
Use fire fighting measures that suit the environment.
- **5.2 Special hazards arising from the substance or mixture**
The product formed corrosive water for fire-fighting.

(Contd. on page 3)

Trade name: **THERMOPAL-FS33**

(Contd. of page 2)

- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained breathing apparatus.
- **Additional information** Follow the emergency-plan.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Avoid causing dust.
Avoid eye- and skin contact.
Wear protective clothing.
- **6.2 Environmental precautions:** Prevent material from reaching sewage system, holes and cellars.
- **6.3 Methods and material for containment and cleaning up:**
Do not flush with water or aqueous cleansing agents
Ensure adequate ventilation.
- **6.4 Reference to other sections**
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.
See Section 7 for information on safe handling

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Thorough dedusting.
Prevent formation of dust.
Keep away from children.
- **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:** Protect against wetness and water.
- **Information about storage in one common storage facility:**
Please follow the rules of the VCI-Storage-Concept for chemicals.
- **Further information about storage conditions:**
Keep container tightly sealed.
Store in a locked cabinet and out of the reach of children.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Additional information about design of technical systems:**
It must be possible to wash the skin in the working area.
Eye-wash bottle must be available.
- **Components with critical values that require monitoring at the workplace:** _____
- 1305-62-0 calcium dihydroxide (2.5-10%)**
WEL Short-term value: 4* mg/m³
Long-term value: 5 1* mg/m³
*respirable fraction
- 65997-15-1 Cement, portland, chemicals (2.5-10%)**
WEL Long-term value: 10* 4** mg/m³
*inhalable dust **respirable dust
- 13463-67-7 titanium dioxide (<1%)**
WEL Long-term value: 10* 4** mg/m³
*total inhalable **respirable

(Contd. on page 4)

Trade name: **THERMOPAL-FS33**

(Contd. of page 3)

- **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**
The usual precautionary measures should be adhered to in handling the chemicals.
Vacuum clean contaminated clothing. Do not blow or brush off contamination.
Be sure to clean skin thoroughly after work and before breaks.
Avoid contact with eyes and skin. Change clothes which heavy contaminate with the product.
- **Breathing equipment:**
Use respiratory protective equipment at formation of dust.
Filter P2.
- **Protection of hands:** Hand Protection: Nitril-rubber-latex-gloves.
- **Material of gloves** Nitril-rubber-latex-gloves II R: Thickness $\geq 0,5\text{mm}$; Penetration time ≥ 480 min
- **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.
- **Eye protection:** 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:	antique white
Smell:	Weak, characteristic
Odour threshold:	Not determined.

· pH-value at 20 °C: 11.9 (1%)

· Change in condition

Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	not apply

· Flash point: Not applicable

· Inflammability (solid, gaseous) Not determined.

· Decomposition temperature: Not determined.

· Self-inflammability: Product is not selfigniting.

· Explosive properties: Product is not explosive.

· Critical values for explosion:

Lower:	Not determined.
Upper:	Not determined.

· Steam pressure: Not applicable.

· Density bulk density

· Settled apparent density 1.28 kg/dm³

· Relative density Not determined.

· Vapour density Not applicable.

· Evaporation rate Not applicable.

· Solubility in / Miscibility with

Water: miscible

· Partition coefficient: n-octanol/water: Not determined.

(Contd. on page 5)

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

Printing date 11.03.2022

Version number 10

Revision: 11.03.2022

Trade name: **THERMOPAL-FS33**

(Contd. of page 4)

· Viscosity:	
dynamic:	Not applicable.
kinematic:	Not applicable.
· Solvent content:	
Solids content:	100.0 %
· 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

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:**
-
- 1305-62-0 calcium dihydroxide**
- | | | |
|--------|------|-------------------------------|
| Oral | LD50 | 7,340 mg/kg (rats) |
| Dermal | LD50 | >2,500 mg/kg (Kan) (OECD 402) |
- 13463-67-7 titanium dioxide**
- | | | |
|------------|----------|---------------------|
| Oral | LD50 | >5,000 mg/kg (rats) |
| Dermal | LD50 | >10,000 mg/kg (rbt) |
| Inhalative | LC50/4 h | 6.8 mg/l (rats) |
- **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.
 - **Additional toxicological information:**
 - **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.

GB

(Contd. on page 6)

Trade name: **THERMOPAL-FS33**

(Contd. of page 5)

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:**
- 1305-62-0 calcium dihydroxide**
EC50 (48h) 49.1 mg/l (Daphnia magna)
- 13463-67-7 titanium dioxide**
LC 0 48 mg/l (Leuciscus idus)
EC0 30 mg/l (Daphnia magna)
 24 mg/l (Pseudomonas fluorescens)
- **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:**
Water hazard class 1 (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
Must not reach sewage water or drainage ditch undiluted or unneutralised.
Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

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:** Disposal must be made according to official regulations.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

SECTION 14: Transport information

- | | |
|---|-----------------|
| <ul style="list-style-type: none"> · 14.1 UN-Number · ADR, ADN, IMDG, IATA | Void |
| <ul style="list-style-type: none"> · 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA | Void |
| <ul style="list-style-type: none"> · 14.3 Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class | Void |
| <ul style="list-style-type: none"> · 14.4 Packing group · ADR, IMDG, IATA | Void |
| <ul style="list-style-type: none"> · 14.5 Environmental hazards: | Not applicable. |

(Contd. on page 7)

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

Printing date 11.03.2022

Version number 10

Revision: 11.03.2022

Trade name: **THERMOPAL-FS33**

(Contd. of page 6)

- | | |
|--|-----------------|
| · 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

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **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**
H315 Causes skin irritation.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H351 Suspected of causing cancer.
- **Department issuing data specification sheet:** Environment protection department.
- **Contact:** Environment protection department.
- **Abbreviations and acronyms:**
ADR: Accord relatif au transport international 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)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Carc. 2: Carcinogenicity – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
- *** Data compared to the previous version altered.**

GB