

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : ETICS Powder Adhesive 3550
WDVS Pulverkleber 3550
Revision date : 18.08.2021
Print date : 18.08.2021

Version (Revision) : 12.0.1 (12.0.0)

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

1.1 Product identifier

ETICS Powder Adhesive 3550
WDVS Pulverkleber 3550

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

Relevant identified uses

Products Category [PC]

PC9 - Coatings and paints, fillers, putties, thinners

Uses advised against

There are no information about relevant identified uses of the product according to the Regulation (EC) No. 1907/2006 (REACH-Regulation), which are advised against. For using the product observe the information in the Technical data sheet of the product.

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

Brillux GmbH & Co KG
www.brillux.de

Street : Weseler Straße 401

Postal code/city : D - 48163 Münster

Telephone : +49 (0)251-7188-0

Telefax : +49 (0)251-7188-280

Information contact :

Electronic mail address of the well-informed person for safety data sheets:sdb@brillux.de

1.4 Emergency telephone number

Outside the business hours (9 a.m. to 5 p.m.):

(Giftinformationszentrum-Nord, Göttingen, consultation in german or english language)

Telephone: +49 (0)551-19240.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Eye Dam. 1 ; H318 - Serious eye damage/eye irritation : Category 1 ; Causes serious eye damage.

Skin Irrit. 2 ; H315 - Skin corrosion/irritation : Category 2 ; Causes skin irritation.

STOT SE 3 ; H335 - STOT-single exposure : Category 3 ; May cause respiratory irritation.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Corrosion (GHS05) · Exclamation mark (GHS07)

Signal word

Danger

Hazard components for labelling

CEMENT, PORTLAND ; CAS No. : 65997-15-1

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



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CALCIUM DIHYDROXIDE ; CAS No. : 1305-62-0

Hazard statements

H318 Causes serious eye damage.
H315 Causes skin irritation.
H335 May cause respiratory irritation.

Precautionary statements

P102 Keep out of reach of children.
P261 Avoid breathing dust.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P310 Immediately call a POISON CENTER or a doctor.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P501 Dispose of contents/container to approved disposal company or local collection.

2.3 Other hazards

Adverse environmental effects

The product does not contain any substances, which fulfil the criteria for PBT or vPvB in accordance with the Annex XIII of the Regulation (EC) No 1907/2006 (REACH-Regulation).

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description

Powder adhesive on cement basis with mineral additives.

Hazardous ingredients

CEMENT, PORTLAND ; EC No. : 266-043-4; CAS No. : 65997-15-1

Weight fraction : $\geq 20 - < 25$ %
Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Skin Irrit. 2 ; H315 STOT SE 3 ; H335

CALCIUM DIHYDROXIDE ; REACH No. : 01-2119475151-45 ; EC No. : 215-137-3; CAS No. : 1305-62-0

Weight fraction : $\geq 3 - < 5$ %
Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Skin Irrit. 2 ; H315 STOT SE 3 ; H335

Additional information

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical attention. Immediately remove all contaminated clothing. If unconscious no administration by mouth, storage in recovery position and seek medical advice. If medical advice is needed, have product container or label at hand.

Following inhalation

When symptoms persists, take the casualty into the fresh air and keep warm. Irregular breathing/no breathing: artificial respiration.

In case of skin contact

Take off immediately all contaminated clothes. Wash away with soap and water and rinse. Do NOT use solvents or thinners. If skin irritation continues, consult a doctor.

After eye contact

Remove contact lenses, keep eyelids open. Rinse open eye immediately with plenty of running water. Seek medical

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : ETICS Powder Adhesive 3550
WDVS Pulverkleber 3550

Revision date : 18.08.2021

Print date : 18.08.2021

Version (Revision) : 12.0.1 (12.0.0)

advice if complaint continues.

After ingestion

Drink water in small draught. Keep at rest. Do not induce vomiting. When swallowed immediately consult and show packing or label to physician.

4.2 Most important symptoms and effects, both acute and delayed

No 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 media

This product is not flammable. In case of a fire extinguish surroundings as indicated.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

5.3 Advice for firefighters

Special protective equipment for firefighters

When extinguishing fires, use breathing apparatus with an independent source of air.

5.4 Additional information

Cool endangered containers with water in case of fire. Do not allow run-off from fire-fighting to enter drains or water courses. With water for fire fighting arises an alkaline solution which can lead to irritations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Refer to protective measures listed in sections 7 and 8. Keep no protective persons away, personal should wear protective clothings. Avoid contact with eyes and skin. Avoid dust formation. Do not breathe dust.

6.2 Environmental precautions

Do not empty into drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

6.3 Methods and material for containment and cleaning up

For cleaning up

Taking powder mechanically. At use noticing wind direction if necessary and keeping height of fall low. Not sweeping remains dryly. Taking the mixture of the product and water mechanically. Having the mixture substantiated on foil pad or in a vessel and disposing of in accordance with section 13.

6.4 Reference to other sections

See Section 7 for information on safe handling.

You find information about the safety equipment of persons in the section 8, information about the refuse disposal in section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Before using the product do not open the packaging. Using a suitable safety equipment (see section 8). Following legal protection and safety regulations. Avoid contact with skin and eyes. Ensure a good ventilation in room and working area. Read label before use.

Measures to prevent fire

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : ETICS Powder Adhesive 3550
WDVS Pulverkleber 3550

Revision date : 18.08.2021

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Version (Revision) : 12.0.1 (12.0.0)

This product is not flammable. Cool endangered containers with water.

Measures to prevent aerosol and dust generation

Avoid dust formation. Do not breathe dust.

Advices on general occupational hygiene

While working do not eat, drink or smoke. Wash hands and face before breaks and after work and take a shower if necessary. Immediately remove all contaminated clothing.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly in a dry, cool and good ventilated place. Offering protection against wetness and humidity. Do not store the product in lounge room. Keep only in the original container. Protect against frost. Keep out of the reach of children.

Hints on joint storage

Store away from foodstuffs. Do not store together with acids.

Storage class (TRGS 510) : 13

Further information on storage conditions

Keep container tightly sealed. Store at 5°-35°C. Containers should be kept dry and sealed. Following manufacturer informations for the storage conditions and for the durability absolutely. The containing reducer for the chromates can lose his effectiveness.

7.3 Specific end use(s)

For using the product observe the information in the Technical data sheet of the product.

Industrial sector specific solutions

GISCODE : Product code in accordance with GISBAU (hazardous materials information system of the German professional associations of the building and construction industry) for cement based products (GISCODE): ZP 1 (cement based product, poor in chromate).

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

CALCIUM DIHYDROXIDE ; CAS No. : 1305-62-0

Limit value type (country of origin) : TRGS 900 (D)

Limit value : 1 mg/m³

Version : 01.11.1994

8.2 Exposure controls

Appropriate engineering controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Observe data available of section 7.

Personal protection equipment

Eye/face protection

Use tightly fitting safety glasses.

Skin protection

Hand protection

At use as agreed a protective gloves from nitrile rubber, tested according to EN 374, with a material thickness 0,38 mm has to be used. Notes of the manufacturer have to be taken into account. Penetration time of the glove material: > = 8 h.

By longer or repeated contact the penetration times can be considerably shorter. The protective gloves should be replaced after the first wear out or a damage of the gloves. Gloves of cotton should be used under the gloves of polychloropren or nitrile rubber. After washing hands replace lost skin fat by fat containing skin creams.

Body protection

Using work protective clothing, which are completely closed.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : ETICS Powder Adhesive 3550
WDVS Pulverkleber 3550
Revision date : 18.08.2021
Print date : 18.08.2021

Version (Revision) : 12.0.1 (12.0.0)

Respiratory protection

Use respiratory masks by formation of dust. Use the dust respirator of the filter class FFP3. Do not inhale the dust.

General information

Avoid contact with eyes and skin. Immediately remove all contaminated clothing. Do not eat or drink during work - no smoking. Wash hands before breaks and after work. Ensure a good ventilation in room and working area. Not breathing in dust.

Environmental exposure controls

The product should not reach waters and the ground. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Powder.

Colour : conformable to product designation.

Odour

Poor, characteristic.

Safety characteristics

Flash point :

not applicable

Bulk density :

No data available

Water solubility :

(20 °C)

consolute

pH :

approx.

11 - 11,4

Maximum VOC content (EC) :

0 Wt %

9.2 Other information

Other physical and chemical data have not been determined.

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangers connected by a possible reactivity of the product are known to proper handling and storage.

10.2 Chemical stability

Stable under recommended storage and handling conditions (see section 7).

10.3 Possibility of hazardous reactions

No dangerous reactions are known if stored and handled the product correctly.

10.4 Conditions to avoid

Keep away from frost, heat and direct sunlight.

Avoid moisture.

10.5 Incompatible materials

No dangerous reaction known. Materials to be avoided: Acids.

Avoiding humidity access. The product can cause damages at alkali sensitive or abrasion delicate materials. Following instructions.

10.6 Hazardous decomposition products

No dangerous decomposition product are known if stored and handled correctly.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute toxicity:

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : ETICS Powder Adhesive 3550
WDVS Pulverkleber 3550

Revision date : 18.08.2021

Print date : 18.08.2021

Version (Revision) : 12.0.1 (12.0.0)

- Acute oral toxicity: No data available;
- Acute dermal toxicity: No data available;
- Acute inhalation toxicity: No data available.

Acute oral toxicity

Parameter : ATEmix calculated
Exposure route : Oral
Effective dose : not relevant
Parameter : LD50 (CALCIUM DIHYDROXIDE ; CAS No. : 1305-62-0)
Exposure route : Oral
Species : Rat
Effective dose : 7340 mg/kg

Acute dermal toxicity

Parameter : ATEmix calculated
Exposure route : Dermal
Effective dose : not relevant

Acute inhalation toxicity

Parameter : ATEmix calculated
Exposure route : Inhalation (dust/mist)
Effective dose : not relevant

Corrosion

- Irritation:
- Skin contact: Irritating to skin.
 - Eye contact: Causes serious eye damage.
 - Respiratory: May cause respiratory irritation.

Respiratory or skin sensitisation

A sensitizing effect by the product is not known.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

The product is not classified as human germ cell mutagenic, carcinogenic or human reproductive toxic (CMR effects).

STOT-single exposure

May cause respiratory and mucous irritation.

STOT-repeated exposure

No risk expected.

Aspiration hazard

No risk expected.

11.4 Other adverse effects

Other observations

The product mixed with water can cause serious skin damages at a longer skin contact. Simultaneous mechanical use of the skin can strengthen such consequences. Skin contact: frequent and prolonged skin contact may cause irritation and skin inflammation.

11.5 Additional information

The product is classified in toxicological terms on the basis of the results of the calculation procedure outlined within the Regulation (EC) No 1272/2008 (CLP-Regulation), listed in sections 2 and 3.
At proper dealing and use as agreed the product does not cause any effects bad for health after our experiences and the information submitted to us.

SECTION 12: Ecological information

12.1 Toxicity

Acute or chronic damages to water organisms by the product in the aquatic environment are not expected.

Aquatic toxicity

Environmental toxic effects, particularly aquatic toxicity have to be expected by pH moving only at release of larger quantities in connection with water.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



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WDVS Pulverkleber 3550

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12.2 Persistence and degradability

These are not data available about the potential of the product concerning his persistency and degradability.

12.3 Bioaccumulative potential

These are not data available about the bio accumulation potential of the product.
No information about the individual components is available either.

12.4 Mobility in soil

These are not datas available about the potential of the product concerning his mobility in the ground.
A penetrating into soil, waters and sewage system should be prevented.

12.5 Results of PBT and vPvB assessment

This product does not contain any relevant substances which were classified as a PBT or vPvB-substance.

12.6 Other adverse effects

No information available.

12.7 Additional ecotoxicological information

Avoid exposing into ground, waterways and drainage.
The classification of the product is based on summation of classified components according to the Regulation (EC) No 1272/2008 (CLP-Regulation). See details in sections 2 and 3.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

Disposal-definition No. (EWC-Code): 17 01 01.

Waste treatment options

Appropriate disposal / Product

Taking dryly. Containers with disposal material has to indicate. Continuing to use is possible (taking best-before date) into account under avoidance of a dust outline.
Hardening the product in mixture with water and disposing as building site waste. Packaging with dry uped residues can be disposed together with household garbage or building site garbage. Do not empty into waters or drains.
Avoid release to the environment.

Appropriate disposal / Package

Only empty packaging can be transfered to recycling. Uncleaned packaging must be disposed of in the same manner as the medium.

SECTION 14: Transport information

14.1 UN number

No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

14.4 Packing group

No dangerous good in sense of these transport regulations.

14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

14.6 Special precautions for user

None

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

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



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Not relevant because the product in type of delivery does not transport in bulks according to the International Maritime Organization (IMO) instruments.

SECTION 15: Regulatory information

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

EU legislation

Other regulations (EU)

Directive 2004/42/EC on the limitation of emissions of volatile organic compounds

The product is not subject to the EU guideline 2004/42/EC about the limitation of the issues of brief organic connections due to the use of organic solvents in certain colours and varnishes.

National regulations

Water hazard class (WGK)

Class : 1 (Slightly hazardous to water) Classification according to AwSV

Additional information

The product is classified as a solid substance according to the criteria of the Penetrometer test (ADR, part 2, section 2.3.4) and also fulfils the criteria for solid substances according to the TRwS 779 number 2.1.1.

15.2 Chemical safety assessment

A chemical safety assessments was not carried out.

SECTION 16: Other information

16.1 Indication of changes

None

16.2 Abbreviations and acronyms

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)
ADR: European agreement concerning the international carriage of dangerous goods by road (Accord européen relatif transport des marchandises dangereuses par route)
AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert – Germany) AOX: Adsorbable Organic halogen compounds
ATEmix: Calculated acute toxicity estimate of mixture
BCF: Bio-Concentration Factor
CAS: Chemical Abstract Service
CLP: Classification, Labelling and Packaging
CMR: Substances classified as Carcinogenic, Mutagenic or toxic for Reproduction
CSR: Chemical Safety Report
DNEL: Derived No Effect Level
EC: European Commission
EC50: Effective Concentration 50%
ECHA: European Chemical Agency
EEC: European Economic Community
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
EWC: European Waste Catalogue
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
IATA: International Air Transport Association
ICAO: International Civil Aviation Organization
IC50: Inhibition Concentration 50%
IMDG Code: International Maritime Dangerous Goods Code
IMO: International Maritime Organization
LC50: Lethal concentration 50%
LD50: Lethal Dose 50%
LOAEL: Lowest Observed Adverse Effect Level
LOEL: Lowest observable effect level

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



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WDVS Pulverkleber 3550

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MAK: Threshold limit values Germany (Maximale Arbeitsplatzkonzentration - DFG)
MARPOL: Convention for the Prevention of Marine Pollution from Ships
MVZ: molar ratio
n.a.: Not applicable
n.d.: Not determined
n.r.: Not relevant
NLP: No Longer Polymers
NOAEC: No Observed Adverse Effect Concentration
NOAEL: No Observed Adverse Effect Level
NOEC: No Observed Effect Concentration
NOEL: No Observed Effect Level
OEL: Occupational Exposure Limit
PBT: Persistent, bioaccumulative, toxic
PNEC: Predicted No Effect Concentration
RCP: Reciprocal calculation procedure
REACH: Registration, Evaluation and Authorization of Chemical
RID: Regulations concerning the international carriage of dangerous goods by rail (Règlement International concernant le transport de marchandises dangereuses par chemin de fer)
STEL: Short-term Exposure Limit
SVHC: Substance of Very High Concern
TLV - TWA: Threshold Limit Value - Time Weighted Average
VOC: Volatile Organic Compounds
vPvB: Very persistent, very bioaccumulative.

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

The evaluation of hazard information of the product was carried out in accordance to Annex I of the REGULATION (EC) No 1272/2008 (CLP Regulation).

16.5 Relevant H- and EUH-phrases (Number and full text)

H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.

16.6 Training advice

None

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.