

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

1.1. Product identifier

Product form : Mixture
Product name : NICOBOND STANDARD SET FLEX S1 ADHESIVE WHITE C2TE S1
Product code : N1196050

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

1.2.1. Relevant identified uses

Use of the substance/mixture : A cement based S1 category tile adhesive for fixing ceramic, fully vitrified, porcelain tiles, mosaics & natural stones internally & externally.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer

N&C Building Products Limited
41/51 Freshwater Road
Chadwell Heath
RM8 1SP Romford - United Kingdom
T 0208 586 4600 - F 0208 586 4646
ncnicobond.com

1.4. Emergency telephone number

Emergency number : 0208 586 4600
OFFICE HOURS 08:00 - 17:00

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

| | |
|---|------|
| Skin corrosion/irritation, Category 2 | H315 |
| Serious eye damage/eye irritation, Category 1 | H318 |
| Skin sensitisation, Category 1 | H317 |
| Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation | H335 |

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

May cause respiratory irritation. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage.

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05

GHS07

Signal word (CLP) :

Danger

Hazardous ingredients :

Portland Cement Klinker; Hydrated Lime, Calcium dihydroxide, Calcium Hydrate, Calcium hydroxide

Hazard statements (CLP) :

H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H318 - Causes serious eye damage.
H335 - May cause respiratory irritation.

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Precautionary statements (CLP) : P261 - Avoid breathing dust, fume, gas, mist, spray, vapours.
P264 - Wash hands, forearms and face thoroughly after handling.
P280 - Wear protective gloves, protective clothing, eye protection, face protection.
P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER, a doctor.
P312 - Call a POISON CENTER, a doctor if you feel unwell.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|--|---------|--|
| QUARTZ substance with a Community workplace exposure limit | (CAS-No.) 14808-60-7 (EC-No.) 238-878-4 | 50 - 75 | Not classified |
| Portland Cement Klinker | (CAS-No.) 65997-15-1 (EC-No.) 266-043-4 | 20 - 50 | Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1B, H317 STOT SE 3, H335 |
| Calcium carbonate | (CAS-No.) 471-34-1 (EC-No.) 207-439-9 | 5 - 10 | Aquatic Chronic 3, H412 |
| Hydrated Lime, Calcium dihydroxide, Calcium Hydrate, Calcium hydroxide | (CAS-No.) 1305-62-0 (EC-No.) 215-137-3 | < 1 | Skin Corr. 1, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Chronic 1, H410 |

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Call a poison center or a doctor if you feel unwell.
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.
First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after inhalation : May cause respiratory irritation.
Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact : Serious damage to eyes.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| QUARTZ (14808-60-7) | |
|---|--|
| EU - Occupational Exposure Limits | |
| Local name | Silica crystalline (Quartz) |
| IOELV TWA (mg/m ³) | 0.05 mg/m ³ (respirable dust) |
| Notes | (Year of adoption 2003) |
| Regulatory reference | SCOEL Recommendations |
| United Kingdom - Occupational Exposure Limits | |
| Local name | Silica |
| WEL TWA (mg/m ³) | 0.1 mg/m ³ respirable crystalline |
| Regulatory reference | EH40/2005 (Third edition, 2018). HSE |
| Portland Cement Klinker (65997-15-1) | |
| United Kingdom - Occupational Exposure Limits | |
| Local name | Portland cement |
| WEL TWA (mg/m ³) | 10 mg/m ³ inhalable dust 4 mg/m ³ respirable dust |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |
| Hydrated Lime, Calcium dihydroxide, Calcium Hydrate, Calcium hydroxide (1305-62-0) | |
| EU - Occupational Exposure Limits | |
| Local name | Calcium dihydroxide |
| IOELV TWA (mg/m ³) | 1 mg/m ³ (Respirable fraction) |
| IOELV STEL (mg/m ³) | 4 mg/m ³ (Respirable fraction) |
| Regulatory reference | COMMISSION DIRECTIVE (EU) 2017/164 |

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| United Kingdom - Occupational Exposure Limits | |
|---|--|
| Local name | Calcium hydroxide |
| WEL TWA (mg/m ³) | 5 mg/m ³ 1 mg/m ³ Respirable fraction |
| WEL STEL (mg/m ³) | 4 mg/m ³ Respirable fraction |
| Regulatory reference | EH40/2005 (Fourth edition, 2020). HSE |

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Personal protective equipment:

In case of dust production: protective goggles. Gloves. Dust formation: dust mask.

| |
|--|
| Hand protection: |
| Protective gloves |
| Eye protection: |
| Safety glasses |
| Skin and body protection: |
| Wear suitable protective clothing |
| Respiratory protection: |
| In case of insufficient ventilation, wear suitable respiratory equipment |

Personal protective equipment symbol(s):



Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|---------------------|
| Physical state | : Solid |
| Appearance | : granules. |
| Colour | : white. |
| Odour | : None. |
| Odour threshold | : No data available |
| pH | : No data available |
| pH solution | : 12 - 13 |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point | : No data available |
| Freezing point | : Not applicable |
| Boiling point | : No data available |
| Flash point | : Not applicable |
| Auto-ignition temperature | : Not applicable |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : Non flammable. |
| Vapour pressure | : No data available |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : No data available |
| Solubility | : No data available |
| Log Pow | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive properties | : No data available |

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Oxidising properties : No data available

Explosive limits : Not applicable

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

| Calcium carbonate (471-34-1) | |
|------------------------------|---|
| LD50 oral rat | > 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method), Guideline: EU Method B.1 bis (Acute Oral Toxicity - Fixed Dose Procedure) |
| LD50 dermal rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal)) |
| LC50 Inhalation - Rat | > 3 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Guideline: EU Method B.2 (Acute Toxicity (Inhalation)), Guideline: EPA OPPTS 870.1300 (Acute inhalation toxicity) |

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Causes serious eye damage.

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : May cause respiratory irritation.

STOT-repeated exposure : Not classified

| Calcium carbonate (471-34-1) | |
|------------------------------|--|
| NOAEL (oral, rat, 90 days) | 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

| Calcium carbonate (471-34-1) | |
|------------------------------|---|
| EC50 72h algae (1) | > 14 mg/l Test organisms (species): Desmodemus subspicatus (previous name: Scenedesmus subspicatus) |

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| Hydrated Lime, Calcium dihydroxide, Calcium Hydrate, Calcium hydroxide (1305-62-0) | |
|--|-----------|
| NOEC chronic fish | 50.6 mg/l |

12.2. Persistence and degradability

| Calcium carbonate (471-34-1) | |
|-------------------------------|--|
| Persistence and degradability | The methods for determining biodegradability are not applicable to inorganic substances. |

| Hydrated Lime, Calcium dihydroxide, Calcium Hydrate, Calcium hydroxide (1305-62-0) | |
|--|---|
| Persistence and degradability | Not relevant to classification of this product. |

12.3. Bioaccumulative potential

| Calcium carbonate (471-34-1) | |
|------------------------------|--|
| Bioaccumulative potential | The methods for determining biodegradability are not applicable to inorganic substances. |

| Hydrated Lime, Calcium dihydroxide, Calcium Hydrate, Calcium hydroxide (1305-62-0) | |
|--|---|
| Bioaccumulative potential | Not relevant to classification of this product. |

12.4. Mobility in soil

| Calcium carbonate (471-34-1) | |
|------------------------------|----------------------|
| Ecology - soil | Low mobility (soil). |

12.5. Results of PBT and vPvB assessment

| Component | |
|--|---|
| Hydrated Lime, Calcium dihydroxide, Calcium Hydrate, Calcium hydroxide (1305-62-0) | vPvB: not relevant – no registration required |

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

| ADR | IMDG | IATA | ADN | RID |
|---|---------------|---------------|---------------|---------------|
| 14.1. UN number | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| 14.2. UN proper shipping name | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| 14.3. Transport hazard class(es) | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| 14.4. Packing group | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| 14.5. Environmental hazards | | | | |
| Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |

No supplementary information available

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

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Inland waterway transport

Not regulated

Rail transport

Not regulated

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

| Full text of H- and EUH-statements: | |
|-------------------------------------|--|
| Aquatic Chronic 1 | Hazardous to the aquatic environment — Chronic Hazard, Category 1 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment — Chronic Hazard, Category 3 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Skin Corr. 1 | Skin corrosion/irritation, Category 1 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| Skin Sens. 1B | Skin sensitisation, category 1B |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H335 | May cause respiratory irritation. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.