

Version 2.0

SDS Number: 15530

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SECTION 1: Identification of the hazardous chemical and of the supplier

Product name : Tile adhesive 330
Product brand : Super Builders
Type of product : Cement based mortar

Manufacturer or supplier's details

Company : Dscaff Building Solutions Sdn. Bhd.
Address : 13A – 1, Premier Suite, Menara 1 Mk,
Kompleks 1 Mont Kiara, No 1, Jalan Kiara
50480 Mont Kiara, Kuala Lumpur, Malaysia.
Telephone : +603 – 62015722
Fax : +603 – 62016722
Emergency contact : +6016 - 3046867

SECTION 2: Hazards identification

Classification of the hazardous chemical

Skin corrosion/irritation : Category 2
Serious eye damage/eye irritation : Category 1
Specific target organ toxicity – : Category 3 (Respiratory system)

Label elements



: Hazard Pictograms
Signal word
Hazard statements

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

Precautionary statements

Prevention

: P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray
: P264 Wash skin thoroughly after handling.
: P280 Wear protective gloves/ eye protection/ face protection.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of water. at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present .
. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.

Special Provisions

: None

Contents

: Portland cement, Cr(VI) < 2 ppm

Special provisions according to Annex XVII of REACH and subsequent amendments: None

Other hazards

Substances: None - PBT Substances: None

Other Hazards : No other hazards

See at paragraph 11 the additional information concerning crystalline silica

SECTION 3: Composition and information of the ingredients

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification: $\geq 50\%$
 $\div < 75\%$ free crystalline silica ($\varnothing > 10 \mu$).

CAS: 14808-60-7, EC: 238-878-4

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

$\geq 2.5\%$ - $< 4.99\%$ Portland cement, Cr(VI) < 2 ppm

CAS: 65997-15-1, EC: 266-043-4

3.2/2 Skin Irrit. 2 H315

3.4.2/1B Skin Sens. 1B H317

3.3/1 Eye Dam. 1 H318

3.8/3 STOT SE 3 H33

$\geq 0.00015\%$ - $< 0.0015\%$ vinyl acetate

REACH No.: 01-2119471301-50-0005, Index number: 607-023-00-0, CAS: 108-05-4,

EC: 203-545-4

2.6/2 Flam. Liq. 2 H225

3.6/2 Carc. 2H351

3.1/4/Inhal Acute Tox. 4 H332

3.8/3 STOT SE 3 H335

SECTION 4: First aid measures

General advice : Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled : Move to fresh air. Consult a physician after significant exposure.

In case of skin contact : Immediately take off all contaminated clothing
Remove contaminated clothing and dispose off immediately.
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Continue rinsing eyes during transport to hospital. Remove contact lenses.
Keep eyes wide open while rinsing.

If swallowed : Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person. Obtain medical attention.

Most important symptoms : If brought into contact with skin, the product may cause sensitisation of the skin.
This preparation contains cement. Contact between cement and body fluids (e.g. sweat and eye fluids) may cause irritation and burns. Seek medical attention.

SECTION 5: Firefighting measures

- Extinguishing media
Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
- Physicochemical hazards arising from the chemical.
Hazardous combustion products : No hazardous combustion products are known.
- Special protective equipment and precautions for fire-fighters : In the event of fire, wear self-contained breathing apparatus.
- Specific extinguishing methods : Standard procedure for chemical fires.

SECTION 6: Accidental release measures :

- Personal precautions protective equipment and emergency procedures : Use personal protective equipment. Deny access to unprotected persons.
- Environmental precautions : Try to prevent the material from entering drains or water courses
No special environmental precautions required.
- Methods and materials for containment and cleaning up : Pick up and arrange disposal without creating dust. Keep in suitable closed containers for disposal.

SECTION 7: Handling and storage

- Handling
Precautions for safe handling advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : Do not breathe vapours/dust. Avoid exceeding the given occupational exposure limits (see section 8)
Do not get in eyes, on skin, or on clothing. For personal Protection section 8.
- Smoking, eating and drinking should be prohibited in the application area.
Follow standard hygiene measures when handling chemical products.

Storage

- Conditions for safe storage, including any incompatibilities
Conditions for safe storage : Store in original container. Keep in a well-ventilated place.
Observe label precautions
Store in accordance with local regulations.

SECTION 8: Exposure controls and personal protection

Control Parameters

8.1 Control parameters

free crystalline silica ($\emptyset > 10 \mu$) - CAS: 14808-60-7

ACGIH - LTE mg/m³(8h): 0,025 mg/m³ - Notes: A2 (R) - Pulm fibrosis, lung cancer

Portland cement, Cr(VI) < 2 ppm - CAS: 65997-15-1

ACGIH - LTE mg/m³(8h): 1 mg/m³ - Notes: A4, (E,R) - Pulm func, resp symptoms, asthma

vinyl acetate - CAS: 108-05-4

MAK - LTE mg/m³: 18 mg/m³, 5 ppm

EU - LTE mg/m³(8h): 17,6 mg/m³, 5 ppm - STE mg/m³: 35,2 mg/m³, 10 ppm - Notes: 15 minutes average value.

ACGIH - LTE mg/m³(8h): 10 ppm - STE mg/m³: 15 ppm - Notes: A3 - URT, eye and skin irr, CNS impair DNEL Exposure Limit Values

vinyl acetate - CAS: 108-05-4

Worker Professional: 0.42 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects.

Worker Professional: 35.2 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, systemic effects.

Worker Professional: 35.2 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects .

Worker Professional: 17.6 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects.

Worker Professional: 17.6 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects.

PNEC Exposure Limit Values

vinyl acetate - CAS: 108-05-4 Target: Fresh Water - Value: 0.016 mg/l

Target: Marine water - Value: 0.0016 mg/l

Target: MAP2 - Value: 0.126 mg/l

Target: Freshwater sediments - Value: 0.067 mg/kg

Target: Marine water sediments - Value: 0.0067 mg/kg

Target: Soil(Agricultural) – Value 0.0035 mg/kg

8.2 Exposure controls

Eye protection:

Safety goggles.

Use close fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC .

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Neoprene gloves are suggested (0,5 mm) not recommended gloves: not waterproof gloves

Respiratory protection:

Not needed for normal use.

Personal Protective Equipment should comply with relevant CE standards (as EN 374 for gloves and EN 166 for goggles), correctly maintained and stored.

Consult the supplier to check the suitability of equipment against specific chemicals and for user information.

Thermal Hazards :None

Environmental exposure controls :None

Appropriate engineering controls :None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|------------------------------|
| Appearance | : powder |
| Colour | : various |
| Odour: | : slight, typical of cement |
| Odour threshold | : N.A. |
| pH | : N.A. |
| pH(water dispersion,10%) | : 11 |
| Melting point / freezing point | : N.A. |
| Initial boiling point and boiling range | : == °C |
| Solid/gas flammability | : N.A. |
| Upper/lower flammability or explosive limits | : N.A. |
| Vapour density | : N.A. |
| Flash point | : == °C |
| Evaporation rate | : N.A. |
| Vapour pressure | : N.A. |
| Relative density | : 2 g/cm ³ (23°C) |
| Vapour density (air=1) | : N.A. |
| Solubility in water: | partly soluble |
| Solubility in oi | l: insoluble |
| Viscosity | : N.A. |
| Auto-ignition temperature | : == °C |
| Explosion limits(by volume) | : == |
| Decomposition temperature | : N.A. |
| Partition coefficient (n-octanol/water) | : N.A. |
| Explosive properties | : == |
| Oxidizing properties | : N.A. |

9.2. Other information

| | |
|-------------------------------------|------|
| Miscibility | N.A. |
| Fat solubility | N.A. |
| Conductivity | N.A. |
| Substance group relevant properties | N.A. |

SECTION 10 : Stability & Reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Stable under normal conditions

10.5. Incompatible materials

None in particular.

10.6. Hazardous decomposition products

SECTION 11: Toxicological Information

11.1. Information on toxicological effects

Route(s) of entry:

Ingestion: Yes

Inhalation: Yes

Contact: No

Toxicological information of the mixture: N.A

Toxicological information of the main substances found in the mixture:

vinyl acetate - CAS: 108-05-4

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 3500 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit = 7440 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat = 15.8 mg/l - Duration: 4h

Corrosive/Irritating Properties:

Skin : The product can cause irritation by contact.

Eye : The product can cause irritation by contact

Sensitizing Properties:

Frequent and prolonged skin contacts with cement paste may cause dermatitis.

Carcinogenic Effects:

The IARC (International Agency for Research on Cancer) believes that the crystalline silica inhaled at the workplace can cause lung cancer in man.

However, it also points out that the cancer effect depends on the silica characteristics and on the biological-physical condition of the environment.

There is a large amount of information in support of the fact that increased risk of cancer is limited to persons suffering from silicosis.

In the current situation of studies, protection of workers from silicosis can be ensured by respecting the exposure limit values.

Mutagenic Effects:

No effects are known

Teratogenic Effects:

No effects are known.

Additional Information:

For this reason, the contact with the skin should be avoided. Once sensitization has occurred, exposures to small amounts of material may cause erythema and edema locally.

If not differently specified, the information required in Regulation (EU)2015/830 listed below must be considered as N.A.:

- a) acute toxicity
- b) skin corrosion/irritation
- c) serious eye damage/irritation
- d) respiratory or skin sensitisation
- e) germ cell mutagenicity
- f) carcinogenicity
- g) reproductive toxicity
- h) STOT-single exposure
- i) STOT-repeated exposure
- j) aspiration hazard

SECTION 12: Ecological information

12.1. Toxicity

Adopt good industrial practices, so that the product is not released into the environment.

Not available data on the mixture

Biodegradability: no data available on the preparation.

vinyl acetate - CAS: 108-05-4

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia = 12.6 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 12.7 mg/l - Duration h: 72

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish = 0.16 mg/l - Notes: 34 d

Endpoint: NOEC - Species: Daphnia = 0.317 mg/l - Notes: 21 d

12.2. Persistence and degradability : N.A

12.3. Bioaccumulative potential : N.A

12.4. Mobility in soil : N.A

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6. Other adverse effects : None

Not available data on the mixture

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

RS 814.600 Technical Ordinance on Waste

SECTION 14: Transport information

14.1. UN number

Not classified as dangerous in the meaning of transport regulations.

14.2. UN proper shipping name

N.A.

14.3. Transport hazard class(es)

Rail/Road: not dangerous good

ADR-Upper number: NA

Air (ICAO/IATA): no dangerous good

Sea (IMO/IMDG): no dangerous good

N.A.

14.4. Packing group

N.A.

14.5. Marine pollutant

N.A.

14.6. Special precautions for user

N.A.

SECTION 15: Regulatory information

Safety, health, and environmental regulations specific for the hazardous chemical

Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013. Occupational Safety and Health (Use and Standards of Exposure of Chemicals Hazardous to Health) Regulations 2000.

SECTION 16: Other information

Text of phrases referred to under heading 3:

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

H225 Highly flammable liquid and vapour.

H351 Suspected of causing cancer.

H332 Harmful if inhaled.

NOTE:

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.