



HB42 Ultimate Waterproofer 6kg

SAFETY DATA SHEET

Safety Data Sheet

according to Regulation (EU) 2015/830
Date of issue: 21/02/2017 Version: 1.0
21/02/2017 EN (English) 1/6

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

Product form : Mixtures
Trade name : HB42 Ultimate Waterproofer

1.2.1. Relevant identified uses

Main use category : Professional use

1.2.2. Uses advised against

No additional information available

Hilton Banks Ltd
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Hampton
TW12 2HR
WWW.HB42.CO.UK

Emergency number : 020 8979 8284

SECTION 2: Hazards identification

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

Serious eye damage/eye irritation Not classified
Full text of hazard classes and H-statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

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

EUH-statements : EUH208 - Contains 3-(2-aminoethylamino)propyltrimethoxysilane, Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate. May produce an allergic reaction
EUH210 - Safety data sheet available on request

No additional information available

SECTION 3: Composition/information on ingredients

Not applicable

Name Product identifier % Classification according to Regulation (EC) No. 1272/2008 [CLP]

Titanium dioxide
substance with a Community workplace exposure limit
(CAS No) 13463-67-7
(EC No) 236-675-5
(REACH-no) 01-2119489379-17
1 - 2,5 Not classified
vinyltrimethoxysilane (CAS No) 2768-02-7
(EC No) 220-449-8
(REACH-no) 01-2119513215-52
1 - 2,5 Flam. Liq. 3, H226
Acute Tox. 4 (Inhalation),
H332
STOT RE 2, H373
3-(trimethoxysilyl)propylamine (CAS No) 13822-56-5



HB42 Ultimate Waterproof 6kg – Safety Data Sheet

(EC No) 237-511-5
(REACH-no) 01-2119510159-45
0,1 - 2,5 Skin Irrit. 2, H315
Eye Dam. 1, H318
Full text of H-statements: see section 16

SECTION 4: First aid measures

First-aid measures after inhalation : Move to fresh air. If symptoms persist call a doctor.
First-aid measures after skin contact : After contact with skin, wash immediately and thoroughly with water and soap. If irritation persists, consult a doctor.
First-aid measures after eye contact : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
First-aid measures after ingestion : Rinse mouth out with water. Seek medical advice (show the label where possible).

No additional information available

No additional information available

SECTION 5: Fire-fighting measures

Suitable extinguishing media : Water spray. Foam. Dry powder. Carbon dioxide.
Unsuitable extinguishing media : Strong water jet.

No additional information available

Precautionary measures fire : Do not breathe fumes from fires or vapours from decomposition. Evacuate unnecessary personnel. Exercise caution when fighting any chemical fire.
Firefighting instructions : Cool down the containers exposed to heat with a water spray.
Protection during firefighting : Wear a self contained breathing apparatus.
Other information : Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection. Equip rescue crew with proper protection.

Do not allow to enter drains or water courses.

For containment : Cover spill with non-combustible material, e.g.: sand, earth, vermiculite.
Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal.

No additional information available

SECTION 7: Handling and storage

Hygiene measures : Handle in accordance with good industrial hygiene and safety procedures.

Storage area : Protect from freezing.

No additional information available

SECTION 8: Exposure controls/personal protection

Titanium dioxide (13463-67-7)

EU Local name Titanium dioxide

EU Notes SCOEL Recommendations (Ongoing)

United Kingdom WEL TWA (mg/m³) 10 mg/m³ inhalable dust
4 mg/m³ respirable dust

silica (7631-86-9/112945-52-5)

United Kingdom WEL TWA (mg/m³) 6 mg/m³ inhalable dust

HB42 Ultimate Waterproofers 6kg – Safety Data Sheet

2,4 mg/m³ respirable dust

methanol (67-56-1)

EU Local name Methanol

EU IOELV TWA (mg/m³) 260 mg/m³

EU IOELV TWA (ppm) 200 ppm

EU Notes skin

EU Skin

United Kingdom WEL TWA (mg/m³) 266 mg/m³

United Kingdom WEL TWA (ppm) 200 ppm

United Kingdom WEL STEL (mg/m³) 333 mg/m³

United Kingdom WEL STEL (ppm) 250 ppm

tetramethyl orthosilicate (681-84-5)

United Kingdom WEL TWA (mg/m³) 6,3 mg/m³

United Kingdom WEL TWA (ppm) 1 ppm

United Kingdom WEL STEL (mg/m³) 32 mg/m³

United Kingdom WEL STEL (ppm) 5 ppm

Quartz (14808-60-7)

EU Local name Silica crystalline (Quartz)

EU Notes SCOEL Recommendations (2003)

Natural, ground calcium carbonate (1317-65-3)

United Kingdom WEL TWA (mg/m³) 10 mg/m³ inhalable

4 mg/m³ respirable

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:

Time of penetration is to be checked with the glove producer. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer. Gloves must be replaced after each use and whenever signs of wear or perforation appear

Type Material Permeation Thickness (mm) Penetration Standard

Disposable gloves Nitrile rubber 6 (> 480 minutes) > 0,1 EN 374

Eye protection:

Type Use Characteristics Standard

Safety glasses Droplet With side shields EN 166

Skin and body protection:

Light protective clothing

Respiratory protection:

In case of inadequate ventilation wear respiratory protection

Device Filter type Condition Standard

Full face mask ABEK Long term exposure, If conc. in air > exposure limit

Environmental exposure controls:

Do not allow to enter drains or water courses.

Consumer exposure controls:

Avoid contact with skin and eyes. Do not eat, drink or smoke during work.

Other information:

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Remove/Take off immediately all contaminated clothing. Handle in accordance with good industrial hygiene and safety procedures.

SECTION 9: Physical and chemical properties

Physical state : Liquid

Appearance : Liquid

Density : 1,4 g/cm³

Solubility : Water: Insoluble

No additional information available

SECTION 10: Stability and reactivity

No dangerous reactions known under normal conditions of use.

Stable at ambient temperature and under normal conditions of use.

HB42 Ultimate Waterproof 6kg – Safety Data Sheet

No dangerous reactions known under normal conditions of use.

Extremely high or low temperatures.

No additional information available

No decomposition if stored normally.

SECTION 11: Toxicological information

Acute toxicity : Not classified

Titanium dioxide (13463-67-7)

LD50 oral rat > 5000 mg/kg

LD50 dermal rabbit > 10000 mg/kg

LC50 inhalation rat (mg/l) 3,43 mg/l

LC50 inhalation rat (Dust/Mist - mg/l/4h) > 6,82 mg/l/4h

3-(trimethoxysilyl)propylamine (13822-56-5)

LD50 oral rat 5628 mg/kg

LD50 dermal rabbit 15800 mg/kg

LC50 inhalation rat (mg/l) 476 mg/l/4h

vinyltrimethoxysilane (2768-02-7)

LD50 oral rat 7120 mg/kg

LD50 dermal rabbit 3540 mg/kg

LC50 inhalation rat (mg/l) 16,79 mg/l/4h

LC50 inhalation rat (ppm) 2773 ppm/4h (OECD 403 method)

LC50 inhalation rat (Dust/Mist - mg/l/4h) 16,8 mg/l/4h

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)

Additional information : (OECD 437 method)

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

vinyltrimethoxysilane (2768-02-7)

LOAEL (oral, rat, 90 days) 10 - 100 mg/kg bodyweight/day

Aspiration hazard : Not classified

SECTION 12: Ecological information

Titanium dioxide (13463-67-7)

LC50 fish 1 > 1000 mg/l

LC50 fish 2 > 10000 mg/l

EC50 Daphnia 1 2 mg/l

EC50 other aquatic organisms 1 > 10000 mg/l

EC50 other aquatic organisms 2 61 mg/l

NOEC (chronic) 0,01 mg/l rat

NOEC chronic algae 56000 mg/l

vinyltrimethoxysilane (2768-02-7)

LC50 fish 1 191 mg/l

EC50 Daphnia 1 168,7 mg/l

EC50 72h algae (1) > 957 mg/l

ErC50 (algae) > 100 mg/l (OECD 201 method)

NOEC chronic fish >= 100 mg/l

NOEC chronic crustacea 28 mg/l

NOEC chronic algae 957 mg/l

Titanium dioxide (13463-67-7)

Persistence and degradability Not readily biodegradable.

3-(trimethoxysilyl)propylamine (13822-56-5)

Log Pow 0,2

Bioaccumulative potential Low bioaccumulation potential.

No additional information available

No additional information available

HB42 Ultimate Waterproof 6kg – Safety Data Sheet

No additional information available

SECTION 13: Disposal considerations

Regional legislation (waste) : Disposal must be done according to official regulations.

SECTION 14: Transport information

In accordance with ADR

ADR

Not applicable

Not applicable
Not applicable

Not applicable
Not applicable

Not applicable

Not applicable
No supplementary information available

- Overland transport

Not applicable

Not applicable

SECTION 15: Regulatory information

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

15.1.2. National regulations

No additional information available

No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:

Acute Tox. 4 (Inhalation) Acute toxicity (inhal.), Category 4

Eye Dam. 1 Serious eye damage/eye irritation, Category 1

Eye Dam./Irrit. Not classified Serious eye damage/eye irritation Not classified

Flam. Liq. 3 Flammable liquids, Category 3

Skin Irrit. 2 Skin corrosion/irritation, Category 2

STOT RE 2 Specific target organ toxicity — Repeated exposure, Category 2

H226 Flammable liquid and vapour

H315 Causes skin irritation

H318 Causes serious eye damage

H332 Harmful if inhaled

H373 May cause damage to organs through prolonged or repeated exposure

EUH208 Contains . May produce an allergic reaction

EUH210 Safety data sheet available on request