

## SAFETY DATA SHEET

## Valspar Decking Colours - Base 2

According to Regulation (EC) No 1907/2006, Annex II, as amended.

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

#### 1.1. Product identifier

Product name Valspar Decking Colours - Base 2

**Product number** 120.0029552.340, 120.0029552.355

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

**Identified uses** Water-based paint.

**Uses advised against**No specific uses advised against are identified.

### 1.3. Details of the supplier of the safety data sheet

**Supplier** Valspar

220 Wharfedale Road,

Winnersh, Wokingham, Berkshire, RG41 5TP

Tel: 0344 736 9174

Email: customerservice@valsparpaint.co.uk

## 1.4. Emergency telephone number

Emergency telephone 0344 736 9174

(0800 - 1700 Monday - Sunday)

### **SECTION 2: Hazards identification**

## 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Not Classified

**Environmental hazards** Aquatic Chronic 3 - H412

2.2. Label elements

Hazard statements H412 Harmful to aquatic life with long lasting effects.

EUH208 Contains 3-lodo-2-propynyl butylcarbamate, 1,2-Benzisothiazol-3(2H)-one, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -

isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

**Precautionary statements** P102 Keep out of reach of children.

P273 Avoid release to the environment.

P501 Dispose of contents/ container in accordance with national regulations.

## 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Titanium dioxide 5-10%

Substance with National workplace exposure limits.

Classification

Not Classified

Nepheline syenite 5-10%

CAS number: 37244-96-5

Substance with National workplace exposure limits.

Classification

Not Classified

Kaolin 1-5%

CAS number: 1332-58-7 EC number: 310-194-1

Substance with National workplace exposure limits.

Classification

Not Classified

propane-1,2-diol <1%

CAS number: 57-55-6 EC number: 200-338-0

Substance with National workplace exposure limits.

Classification

Not Classified

3-lodo-2-propynyl butylcarbamate <1%

Classification

Acute Tox. 4 - H302

Acute Tox. 3 - H331

Eye Dam. 1 - H318

Skin Sens. 1 - H317

STOT RE 1 - H372

Aquatic Acute 1 - H400

Aquatic Chronic 1 - H410

# Valspar Decking Colours - Base 2

Cellulose, 2-hydroxyethyl ether

<1%

CAS number: 9004-62-0

Substance with National workplace exposure limits.

Classification

Not Classified

Cellulose <1%

CAS number: 9004-34-6 EC number: 232-674-9

Classification

Not Classified

Amorphous silica <1%

CAS number: 112926-00-8

Substance with National workplace exposure limits.

Classification

Not Classified

Aluminium hydroxide <1%

Substance with National workplace exposure limits.

Classification

Not Classified

2-(2-butoxyethoxy)ethanol

CAS number: 112-34-5 EC number: 203-961-6

Classification

Eye Irrit. 2 - H319

Siloxanes and Silicones, di-Me, reaction products with silica

<1%

Substance with National workplace exposure limits.

Classification

Not Classified

## Valspar Decking Colours - Base 2

1,2-Benzisothiazol-3(2H)-one <1%

CAS number: 2634-33-5 EC number: 220-120-9

M factor (Acute) = 1

Classification

Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Aquatic Acute 1 - H400

diuron (ISO) <1%

Classification

Acute Tox. 4 - H302 Carc. 2 - H351 STOT RE 2 - H373 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

Sodium Hydroxide <1%

<1%

CAS number: 1310-73-2 EC number: 215-185-5

Classification

Skin Corr. 1A - H314 Eye Dam. 1 - H318

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no.

220-239-6] (3:1)

CAS number: 55965-84-9

M factor (Acute) = 10 M factor (Chronic) = 10

Classification

Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 Skin Corr. 1B - H314

Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

Skin Sens. 1 - H317

The full text for all hazard statements is displayed in Section 16.

#### SECTION 4: First aid measures

### 4.1. Description of first aid measures

## Valspar Decking Colours - Base 2

Inhalation Move affected person to fresh air and keep warm and at rest in a position comfortable for

breathing. Get medical attention if any discomfort continues.

Ingestion Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any

discomfort continues.

Skin contact Wash skin thoroughly with soap and water. Get medical attention if irritation persists after

washing.

Eye contact Remove any contact lenses and open eyelids wide apart. Rinse with water. Continue to rinse

for at least 15 minutes. Get medical attention if any discomfort continues.

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

Inhalation No specific symptoms known. However, this product contains VOCs which may cause a

headache.

Ingestion No specific symptoms known. May cause discomfort if swallowed.

Skin contact May be slightly irritating to skin. May cause skin sensitisation or allergic reactions in sensitive

individuals.

Eye contact May be slightly irritating to eyes.

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

Notes for the doctor Treat symptomatically. The severity of the symptoms described will vary dependent on the

concentration and the length of exposure.

Specific treatments No specific chemical antidote is known to be required after exposure to this product.

#### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing

media

Do not use water jet as an extinguisher, as this will spread the fire.

#### 5.2. Special hazards arising from the substance or mixture

Specific hazards None known.

Hazardous combustion

products

Thermal decomposition or combustion products may include the following substances: Oxides

of carbon. Toxic gases or vapours.

#### 5.3. Advice for firefighters

Protective actions during

firefighting

Avoid breathing fire gases or vapours. Control run-off water by containing and keeping it out

of sewers and watercourses.

Special protective equipment

for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective

clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with eyes and prolonged skin contact.

#### 6.2. Environmental precautions

#### Environmental precautions

The product contains a substance which may cause long-term adverse effects in the aquatic environment. The product contains substances which are water-soluble and may spread in water systems. The product contains volatile substances which may spread in the atmosphere. Avoid release to the environment. Contain spillage with sand, earth or other suitable non-combustible material.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Avoid contact with skin, eyes and clothing. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage.

#### 6.4. Reference to other sections

**Reference to other sections** For waste disposal, see Section 13.

#### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Usage precautions Avoid contact with skin, eyes and clothing. Avoid spilling. Special precautions should be taken

during surface preparation of pre-1960s paint surfaces over wood and metal as they may

contain harmful lead

Advice on general occupational hygiene

Clean equipment and the work area every day. Wash contaminated skin thoroughly after

handling.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Container must be kept tightly closed when not in use. Protect from freezing and direct

sunlight.

7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

#### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

#### Occupational exposure limits

#### Titanium dioxide

Long-term exposure limit (8-hour TWA): WEL 4 mg/m³ respirable dust Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ inhalable dust

#### Nepheline syenite

Long-term exposure limit (8-hour TWA): WEL 2 mg/m<sup>3</sup>

#### Kaolin

Long-term exposure limit (8-hour TWA): WEL 2 mg/m³ respirable dust

#### propane-1,2-diol

Long-term exposure limit (8-hour TWA): WEL 150 ppm 474 mg/m³ total vapour and particulates

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ particulate

#### Cellulose, 2-hydroxyethyl ether

Long-term exposure limit (8-hour TWA): WEL 4 mg/m³ respirable dust Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ inhalable dust Short-term exposure limit (15-minute): WEL 20 mg/m³ inhalable dust

## Cellulose

Long-term exposure limit (8-hour TWA): WEL 4 mg/m³ respirable dust Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ inhalable dust Short-term exposure limit (15-minute): WEL 20 mg/m³ inhalable dust

Amorphous silica

Long-term exposure limit (8-hour TWA): WEL 6 mg/m³ inhalable dust Long-term exposure limit (8-hour TWA): WEL 2.4 mg/m³ respirable dust

Aluminium hydroxide

Long-term exposure limit (8-hour TWA): WEL 2 mg/m³

2-(2-butoxyethoxy)ethanol

Long-term exposure limit (8-hour TWA): WEL 10 ppm 67.5 mg/m<sup>3</sup> Short-term exposure limit (15-minute): WEL 15 ppm 101.2 mg/m<sup>3</sup>

Siloxanes and Silicones, di-Me, reaction products with silica

Long-term exposure limit (8-hour TWA): WEL 6 mg/m³ inhalable dust Long-term exposure limit (8-hour TWA): WEL 2.4 mg/m³ respirable dust

diuron (ISO)

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup>

Sodium Hydroxide

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

8.2. Exposure controls

Appropriate engineering

controls

Provide adequate ventilation.

**Eye/face protection** Eyewear complying with an approved standard should be worn if a risk assessment indicates

eye contact is possible.

**Hand protection** No specific hand protection recommended.

Other skin and body

protection

Wear appropriate clothing to prevent skin contamination.

**Hygiene measures** Wash contaminated skin thoroughly after handling.

Respiratory protection Respiratory protection not required. Respiratory protection complying with an approved

standard should be worn if a risk assessment indicates inhalation of contaminants is possible.

**Environmental exposure** 

controls

Keep container tightly sealed when not in use.

## **SECTION 9: Physical and Chemical Properties**

### 9.1. Information on basic physical and chemical properties

Appearance Liquid.

Colour Various colours.

Melting point Not determined.

Initial boiling point and range Not determined.

Flash point Not determined.

**Evaporation rate** Not determined.

Flammability (solid, gas) Not determined.

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Upper/lower flammability or

explosive limits

Not determined.

Vapour pressure

Vapour density

Not determined.

Relative density

Not determined.

Solubility(ies)

Soluble in water.

Partition coefficient

Not determined.

Auto-ignition temperature

Not determined.

**Decomposition Temperature** Not determined.

Viscosity Not determined.

**Explosive properties** Not considered to be explosive.

Oxidising properties Does not meet the criteria for classification as oxidising.

9.2. Other information

Other information None.

#### SECTION 10: Stability and reactivity

## 10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

## 10.3. Possibility of hazardous reactions

Possibility of hazardous

reactions

Will not polymerise.

10.4. Conditions to avoid

Conditions to avoid Avoid freezing. Avoid heat.

10.5. Incompatible materials

Materials to avoid Water-reactive materials. Organic peroxides/hydroperoxides.

## 10.6. Hazardous decomposition products

Hazardous decomposition

Does not decompose when used and stored as recommended.

products

#### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅o) Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD<sub>50</sub>) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC<sub>50</sub>) Based on available data the classification criteria are not met.

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ATE inhalation (dusts/mists

mg/l)

136.73

Skin corrosion/irritation

Animal data Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation Based on available data the classification criteria are not met.

Respiratory sensitisation

**Respiratory sensitisation**Based on available data the classification criteria are not met.

Skin sensitisation

**Skin sensitisation** Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

**Genotoxicity - in vivo**Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Reproductive toxicity -

Based on available data the classification criteria are not met.

development

Specific target organ toxicity - single exposure

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

**Aspiration hazard** Based on available data the classification criteria are not met.

Toxicological information on ingredients.

#### Titanium dioxide

Acute toxicity - oral

Notes (oral LD<sub>50</sub>) Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD50) No information available. Scientifically unjustified.

Acute toxicity - inhalation

Acute toxicity inhalation 6.82

(LC<sub>50</sub> dust/mist mg/l)

Species Rat

Notes (inhalation LC50) REACH dossier information. Based on available data the classification criteria are

not met.

ATE inhalation (dusts/mists mg/l)

6.82

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Skin corrosion/irritation

Animal data Dose: 0.5 g, 4 hours, Rabbit Erythema/eschar score: No erythema (0). Oedema

score: No oedema (0).

REACH dossier information. Based on available data the classification criteria are

not met.

Serious eye damage/irritation

Serious eye

Based on available data the classification criteria are not met.

damage/irritation

Respiratory sensitisation

**Respiratory sensitisation** No information available.

Skin sensitisation

Skin sensitisation Local Lymph Node Assay (LLNA) - Mouse: Not sensitising.

REACH dossier information. Based on available data the classification criteria are

not met.

Germ cell mutagenicity

**Genotoxicity - in vitro**Bacterial reverse mutation test: Negative.

REACH dossier information. Based on available data the classification criteria are

not met.

**Genotoxicity - in vivo** Chromosome aberration: Negative.

REACH dossier information. Based on available data the classification criteria are

not met.

Carcinogenicity

Carcinogenicity NOAEL 50 mg/m³, Inhalation, Rat

REACH dossier information. Based on available data the classification criteria are

not met.

Reproductive toxicity

Reproductive toxicity -

fertility

No information available.

Reproductive toxicity -

development

No information available.

Specific target organ toxicity - single exposure

**STOT - single exposure** Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEC 10 mg/m³, Inhalation, Rat

REACH dossier information. Not classified as a specific target organ toxicant after

repeated exposure.

Aspiration hazard

Aspiration hazard Not anticipated to present an aspiration hazard, based on chemical structure.

Nepheline syenite

**Toxicological effects** Not regarded as a health hazard under current legislation.

SECTION 12: Ecological Information

## Valspar Decking Colours - Base 2

## 12.1. Toxicity

**Toxicity** Aquatic Chronic 3 - H412 Harmful to aquatic life with long lasting effects.

## Ecological information on ingredients.

## Titanium dioxide

Acute aquatic toxicity

Acute toxicity - fish LC<sub>50</sub>, 96 hours: 1000 mg/l, Pimephales promelas (Fat-head Minnow)

REACH dossier information.

Acute toxicity - aquatic

EC<sub>50</sub>, 48 hours: 100 mg/l, Daphnia magna

REACH dossier information.

Acute toxicity - aquatic

EC<sub>50</sub>, 72 hours: 61 mg/l, Pseudokirchneriella subcapitata

plants

invertebrates

REACH dossier information.

#### Nepheline syenite

**Toxicity** Not regarded as dangerous for the environment.

### 12.2. Persistence and degradability

Persistence and degradability Not determined.

### Ecological information on ingredients.

#### Titanium dioxide

**Phototransformation** No information available.

Stability (hydrolysis) No significant reaction in water.

Biodegradation Not applicable.

Substance is inorganic.

## Nepheline syenite

Persistence and degradability

There are no data on the degradability of this product.

### 12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not determined.

## Ecological information on ingredients.

## Titanium dioxide

Bioaccumulative potential 
The product is not bioaccumulating.

Partition coefficient Not applicable. Substance is inorganic.

#### Nepheline syenite

Bioaccumulative potential No data available on bioaccumulation.

## 12.4. Mobility in soil

**Mobility** The product is water-soluble and may spread in water systems.

# Valspar Decking Colours - Base 2

## Ecological information on ingredients.

#### Titanium dioxide

**Mobility** The product is insoluble in water and will sediment in water systems.

Nepheline syenite

Mobility No data available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB This product does not contain any substances classified as PBT or vPvB.

assessment

Ecological information on ingredients.

Titanium dioxide

Results of PBT and vPvB This substance is not classified as PBT or vPvB according to current EU criteria.

assessment

Nepheline syenite

Results of PBT and vPvB This substance is not classified as PBT or vPvB according to current EU criteria.

assessment

12.6. Other adverse effects

Other adverse effects None known.

Ecological information on ingredients.

Titanium dioxide

Other adverse effects None known.

Nepheline syenite

Other adverse effects None known.

**SECTION 13: Disposal considerations** 

13.1. Waste treatment methods

**General information** Reuse or recycle products wherever possible.

**Disposal methods** Dispose of contents/container in accordance with national regulations.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods

(IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

Nο

#### 14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

### SECTION 15: Regulatory information

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

National regulations The Volatile Organic Compounds in Paints, Varnishes and Vehicle Refinishing Products

Regulations 2012, SI 2012/1715

**EU legislation** Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16

December 2008 on classification, labelling and packaging of substances and mixtures (as

amended).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of

Chemicals (REACH) (as amended).

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

#### SECTION 16: Other information

Classification procedures according to Regulation (EC)

EUH208, Aquatic Chronic 3 - H412: Calculation method.

1272/2008

Revision comments Section 1 // 1.3 Details of the supplier of the safety data sheet

Revision date 18/10/2017

Revision 2

Supersedes date 09/10/2015

SDS number 1830

Hazard statements in full

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

H351 Suspected of causing cancer.

H372 Causes damage to organs (Larynx) through prolonged or repeated exposure.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

EUH208 Contains 3-lodo-2-propynyl butylcarbamate, 1,2-Benzisothiazol-3(2H)-one, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H - isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.