

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

1.1. GHS product identifier

Product form	: Mixture
Trade name	: Prolong Crackfill White
Substance type	: Mixture of mineral powders
Type of product	: Filler
Product code	: PLCRACKFILLW
Product group	: Trade product

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Filler for patching holes and cracks in most interior and exterior surfaces

1.4. Supplier's details

Manufacturer

Dura Paints (Pty) Ltd.
5 Wakefield Road; Founders View South.
P.O. Box 303
1610 Edenvale; Johannesburg – South Africa
T 011 452 5221
Contact: Lizel Rosemann

1.5. Emergency phone number

Emergency number : 079 494 2731 / 011 452 5221

SECTION 2: Hazard identification

2.1. GHS classification of the substance/mixture and any national or regional information

Classification according to the United Nations GHS

Acute toxicity (oral), Category 4	H302
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 1	H370
Specific target organ toxicity – Single exposure, Category 3,	H335
Respiratory tract irritation	

Full text of H-statements: see section 16

Adverse physicochemical, human health and environmental effects : Causes damage to organs,Harmful if swallowed,May cause respiratory irritation,Causes skin irritation,May cause an allergic skin reaction,Causes serious eye damage.

2.2. GHS label elements, including precautionary statements

Labelling according to the United Nations GHS

Hazard pictograms (GHS ZA)



Signal word (GHS-ZA)

: Danger

Hazardous ingredients

: Portland cement, chemicals, Silicon dioxide, Calcium sulfate

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According to SANS 10234:2019 and SANS 11014:2010

Hazard statements (GHS ZA)	: H302 - Harmful if swallowed H315 - Causes skin irritation H317 - May cause an allergic skin reaction H318 - Causes serious eye damage H335 - May cause respiratory irritation H370 - Causes damage to organs (Skin, Respiratory tract) (Dermal, Inhalation)
Precautionary statements (GHS ZA)	: P101 - If medical advice is needed, have product container or label at hand. P102 - Keep out of reach of children. P260 - Do not breathe dusts or mists. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear eye protection, protective gloves, protective clothing.

2.3. Other hazards which do not result in classification or are not covered by the GHS

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to the United Nations GHS
Silicon dioxide	CAS-No.: 7631-86-9	50 – 60	Acute Tox. 5 (Oral), H303 Acute Tox. Not classified (Dermal) Acute Tox. Not classified (Inhalation:dust,mist) STOT SE 3, H335 Aquatic Acute Not classified Aquatic Chronic Not classified
Portland cement, chemicals	CAS-No.: 65997-15-1	20 – 35	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1B, H317 STOT SE 3, H335
Calcium sulfate	CAS-No.: 7778-18-9	18 – 25	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 1, H370 STOT RE Not classified Aquatic Acute 3, H402

SECTION 4: First aid measures

4.1. Description of necessary first aid measures

First-aid measures general	: IF exposed or concerned: Get medical advice/attention. 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	: Rinse mouth. Call a poison center or a doctor if you feel unwell.

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4.2. Most important symptoms/effect, acute and delayed

Symptoms/effects after inhalation	: Adverse symptoms may include nausea or vomiting, headache, respiratory irritation. May cause respiratory irritation.
Symptoms/effects after skin contact	: Causes severe skin burns. Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Adverse symptoms may include pain, irritation, watering and redness. Serious damage to eyes.
Symptoms/effects after ingestion	: Harmful if swallowed. May cause damage to organs through prolonged or repeated exposure.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

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

5.2. Specific hazards arising from the chemical

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

5.3. Special protective actions for fire-fighters

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

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. Do not breathe 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 materials 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.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. 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.

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According to SANS 10234:2019 and SANS 11014:2010

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Portland cement, chemicals (65997-15-1)	
South Africa - Occupational Exposure Limits (Restricted Limits)	
Local name	Portland cement
RHCA - STEL/C	10 mg/m ³ total inhalable dust 5 mg/m ³ respirable dust
Regulatory reference	Government Notice. R: 1179
South Africa - Occupational Exposure Limits (Airborne Pollutants)	
Local name	Portland cement
OEL TWA	10 mg/m ³ inhalable particulate 5 mg/m ³ respirable particulate
Regulatory reference	Government Notice No. R 904
Silicon dioxide (7631-86-9)	
South Africa - Occupational Exposure Limits (Airborne Pollutants)	
Local name	Silica, amorphous
OEL TWA	6 mg/m ³ inhalable particulate 3 mg/m ³ respirable particulate
Regulatory reference	Government Notice No. R 904
Calcium sulfate (7778-18-9)	
South Africa - Occupational Exposure Limits (Restricted Limits)	
Local name	Calcium sulphate [including plaster of Paris and gypsum]
RHCA - STEL/C	10 mg/m ³ (I: inhalable fraction)
Regulatory reference	Government Notice No. R. 280, 2021

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment

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)



8.4. Exposure limit values for the other components

No additional information available

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According to SANS 10234:2019 and SANS 11014:2010

SECTION 9: Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Solid
Appearance	: Fine white powder.
Colour	: White.
Odour	: Odourless.
Odour threshold	: No data available
pH	: No data available
pH solution	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Relative evaporation rate (ether=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	: Non flammable.
Vapour pressure	: No data available
Vapour pressure at 50°C	: No data available
Relative vapour density at 20°C	: No data available
Relative density	: 2.7
Relative density of saturated gas/air mixture	: No data available
Density	: No data available
Relative gas density	: No data available
Solubility	: Miscible.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Partition coefficient n-octanol/water (Log Kow)	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: Not applicable
Lower explosion limit	: No data available
Upper explosion limit	: No data available
Physical state	: Solid
Appearance	: Fine white powder.

9.2. Data relevant with regard to physical hazard classes (supplemental)

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

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According to SANS 10234:2019 and SANS 11014:2010

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

Likely routes of exposure : Ingestion. Inhalation. Dermal.

11.1. Information on toxicological effects

Acute toxicity (oral) : Harmful if swallowed.
Acute toxicity (dermal) : Causes severe skin burns and eye damage.
Acute toxicity (inhalation) : Adverse symptoms may include nausea or vomiting, headache, respiratory irritation

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ATE ZA (oral)	1449.541 mg/kg bodyweight
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Silicon dioxide (7631-86-9)

LD50 oral rat	3160 mg/kg Source: TOMES; HAZARTEXT
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LD50 dermal rabbit	> 5000 mg/kg Source: ECHA
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LC50 Inhalation - Rat (Dust/Mist)	5.01 mg/l Source: ECHA
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Calcium sulfate (7778-18-9)

LD50 oral rat	> 1581 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method), Remarks on results: other:
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LC50 Inhalation - Rat (Dust/Mist)	> 3.26 mg/l/4h Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Remarks on results: other:
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Skin corrosion/irritation : Causes skin irritation.

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Additional information	Causes severe skin burns
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Serious eye damage/irritation : Causes serious eye burns

Respiratory or skin sensitisation : Adverse symptoms may include nausea or vomiting, headache, respiratory irritation

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Calcium sulfate (7778-18-9)

NOAEL (chronic, oral, animal/male, 2 years)	256 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: other:
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NOAEL (chronic, oral, animal/female, 2 years)	284 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: other:
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Reproductive toxicity : Not classified

STOT-single exposure : Causes damage to organs (Skin, Respiratory tract) (Dermal, Inhalation). May cause respiratory irritation.

Portland cement, chemicals (65997-15-1)

STOT-single exposure	May cause respiratory irritation.
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Silicon dioxide (7631-86-9)

LOAEC (inhalation, rat, dust/mist/fume)	0.5 – 50.4 mg/l
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NOAEL (oral, rat)	≈ 2500 mg/kg bodyweight
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NOAEC (inhalation, rat, dust/mist/fume)	0.013 – 0.046 mg/l
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STOT-single exposure	May cause respiratory irritation.
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Calcium sulfate (7778-18-9)

LOAEL (oral, rat)	≈ 237 mg/kg bodyweight
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NOAEL (oral, rat)	79 – 790 mg/kg bodyweight
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Calcium sulfate (7778-18-9)	
STOT-single exposure	Causes damage to organs.
STOT-repeated exposure	: Not classified
Calcium sulfate (7778-18-9)	
LOAEL (oral, rat, 90 days)	237 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Aspiration hazard	: Not classified
Prolong Crackfill White	
Viscosity, kinematic	Not applicable

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

Silicon dioxide (7631-86-9)	
LC50 - Fish [1]	10000 mg/l Source: ECHA
EC50 - Crustacea [1]	> 5000 mg/l Source: ECHA
EC50 72h - Algae [1]	> 173.1 mg/l Source: ECHA
EC50 96h - Algae [1]	217.576 – 217.6 mg/l Source: ECHA
LOEC (chronic)	≈ 149.2 mg/l Source: ECHA
NOEC (chronic)	68 – 250 mg/l 21 days; Source: ECHA
NOEC chronic fish	≈ 57.001 mg/l Source: ECHA
NOEC chronic algae	≈ 42.1 mg/l

Calcium sulfate (7778-18-9)	
LC50 - Fish [1]	> 79 mg/l Test organisms (species): <i>Oryzias latipes</i>
EC50 - Crustacea [1]	79 – 1970 mg/l
EC50 72h - Algae [1]	> 79 mg/l Test organisms (species): <i>Pseudokirchneriella subcapitata</i> (previous names: <i>Raphidocelis subcapitata</i> , <i>Selenastrum capricornutum</i>)
ErC50 algae	≈ 79 mg/l

12.2. Persistence and degradability

Prolong Crackfill White	
Persistence and degradability	No additional information available

12.3. Bioaccumulative potential

Prolong Crackfill White	
Bioaccumulative potential	No additional information available

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According to SANS 10234:2019 and SANS 11014:2010

12.4. Mobility in soil

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Mobility in soil : No additional information available

12.5. Other adverse effects

Ozone : Not classified
Other adverse effects : No additional information available

SECTION 13: Disposal Considerations

13.1. Disposal methods

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

SECTION 14: Transport information

In accordance with SANS / IMDG / IATA

SANS	IMDG	IATA
14.1. UN number		
1910	1910	1910
14.2. UN Proper Shipping Name		
CALCIUM OXIDE	CALCIUM OXIDE	Calcium oxide
14.3. Transport hazard class(es)		
8	8	8
14.4. Packing group, if applicable		
III	Not applicable	III
14.5. Environmental hazards		
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No
No supplementary information available		

14.6. Special precautions for user

SANS

Special provisions (SANS) : 106
Limited quantities (SANS) : 5 kg
Limited quantities (SANS) : 5 kg
Packagings, large packagings and IBCs Packing instructions (SANS) : P002, IBC03, LP02
Packagings, large packagings and IBCs Special packing instructions (SANS) : B3
Portable tank and bulk containers instructions (SANS) : T1
Portable tank and bulk container special provisions (SANS) : TP33

IMDG

Special provisions (IMDG) : 960

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According to SANS 10234:2019 and SANS 11014:2010

Stowage category (IMDG) : None
Properties and observations (IMDG) : Not subject to the provisions of this Code but may be subject to provisions governing the transport of dangerous goods by other modes.

IATA

PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y845
PCA limited quantity max net quantity (IATA) : 5kg
PCA packing instructions (IATA) : 860
PCA max net quantity (IATA) : 25kg
CAO packing instructions (IATA) : 864
CAO max net quantity (IATA) : 100kg
Special provisions (IATA) : A803
ERG code (IATA) : 8L

14.7. Transport in bulk according to IMO instructions

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations specific for the product in question

No additional information available

SECTION 16: Other information

Issue date : 25/07/2022
Revision date : 07/11/2022
Supersedes : 14/10/2022

Full text of H-statements:

H226	Flammable liquid and vapour
H302	Harmful if swallowed
H303	May be harmful if swallowed
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H370	Causes damage to organs
H400	Very toxic to aquatic life
H402	Harmful to aquatic life
H412	Harmful to aquatic life with long lasting effects

Safety Data Sheet (SDS), South Africa (HCA)

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.