Prolong - Crackfill White

Safety Data Sheet

According to Regulations for Hazardous Chemical Agents, 2021 and United Nations GHS revision 10
Issue date: 25/7/2022 Revision date: 26/10/2026 Supersedes: 23/10/2026 Version: 7.3

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
orders@durapaints.co.za - www.durapaints.co.za

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 (dermal), Category 4	H312
Skin corrosion/irritation, Category 1	H314
Serious eye damage/eye irritation, Category 1	H318
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 severe skin burns and eye damage,May cause an allergic skin reaction.

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; Silicon dioxide
Hazard statements (GHS ZA)	:	H312 - Harmful in contact with skin H314 - Causes severe skin burns and eye damage H335 - May cause respiratory irritation

Precautionary statements (GHS ZA) : P101 - If medical advice is needed, have product container or label and product safety data sheet at hand.
P102 - Keep out of reach of children.
P103 - Read carefully and follow all instructions.
P280 - Wear eye protection, protective clothing, protective gloves.
P260 - Do not breathe dusts or mists.
P262 - Do not get in eyes, on skin, or on clothing.
P501 - Dispose of container to recycling, according to local regulations.

P-statements for label (GHS-ZA) : P101 - If medical advice is needed, have product container or label and product safety data sheet at hand.; P102 - Keep out of reach of children.; P103 - Read carefully and follow all instructions.; P280 - Wear eye protection, protective clothing, protective gloves.; P260 - Do not breathe dusts or mists.; P262 - Do not get in eyes, on skin, or on clothing.; P501 - Dispose of container to recycling, according to local regulations.

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	39.4 – 59.1	Acute Tox. 4 (Dermal), H312 Acute Tox. Not classified (Inhalation:dust,mist) STOT RE Not classified Aquatic Acute Not classified Aquatic Chronic Not classified
Portland Cement	CAS-No.: 65997-15-1	10 – 28.5	Skin Corr. 1, H314 Eye Dam. 1, H318 Skin Sens. 1B, H317 STOT SE 3, H335
Calcium carbonate	CAS-No.: 471-34-1	9.5 – 19	Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Corr./Irrit. Not classified STOT RE Not classified Aquatic Chronic Not classified

SECTION 4: First aid measures

4.1. Description of necessary first aid measures

First-aid measures general : If medical advice is needed, have product container or label at hand. Get medical advice/attention if you feel unwell.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice.

First-aid measures after skin contact : Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : Immediately rinse with water for a prolonged period while holding the eyelids wide open. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth out with water. Give water to drink if victim completely conscious/alert. Do not induce vomiting because of corrosive effects. Get medical attention immediately if symptoms occur.

Self protection of the first-aider	:	First-aiders should pay attention to their own protection and use the recommended personal protective equipment (see section 8).

4.2. Most important symptoms/effect, acute and delayed

Symptoms/effects	:	Causes eye irritation. Causes skin irritation. May cause respiratory irritation.
Symptoms/effects after inhalation	:	May cause respiratory irritation.
Symptoms/effects after skin contact	:	Burns. May cause an allergic skin reaction.
Symptoms/effects after eye contact	:	Adverse symptoms may include pain, irritation, watering and redness. Blurred vision.
Symptoms/effects after ingestion	:	Swallowing material may cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhea, and abdominal pain.
Chronic symptoms	:	Possible respiratory damage following repeated or prolonged inhalation. Prolonged or repeated contact with the skin may cause dermatitis.
Potential adverse human health effects and symptoms	:	Causes severe skin burns and eye damage. Harmful if swallowed. May be harmful if inhaled.

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.
Unsuitable extinguishing media	:	Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard	:	No fire hazard.
Explosion hazard	:	No direct explosion hazard.
Hazardous decomposition products in case of fire	:	Toxic fumes may be released.

5.3. Special protective actions for fire-fighters

Firefighting instructions	:	Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
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

General measures	:	Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

6.1.1. For non-emergency personnel

Protective equipment	:	Wear recommended personal protective equipment.
Emergency procedures	:	Ventilate spillage area. Do not breathe dust, mist. 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".
Emergency procedures	:	Evacuate non-essential personnel.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and materials for containment and cleaning up

For containment	:	Using a clean shovel, put the material in a dry container and cover without compressing it.
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, mist. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands, forearms and face thoroughly after handling. Wash contaminated clothing before reuse.

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep container tightly closed. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Packaging materials : Always store product in container of same material as original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Portland Cement (65997-15-1)	
South Africa - Occupational Exposure Limits (Restricted Limits)	
Local name	Portland cement
RHCA - STEL/C	10 mg/m³ total inhalable dust 5 mg/m³ respirable dust
Regulatory reference	Government Notice. R: 1179
South Africa - Occupational Exposure Limits (Airborne Pollutants)	
Local name	Portland cement
OEL TWA	10 mg/m³ inhalable particulate 5 mg/m³ 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/m³ inhalable particulate 3 mg/m³ respirable particulate
Regulatory reference	Government Notice No. R 904

OEL Sources : LISAM.

BLV Sources : LISAM.

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

Materials for protective clothing : Wear protective clothing

Hand protection : Protective gloves

Eye protection : Wear security glasses which protect from splashes

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

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 Standard
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	:	Non-explosive.
Oxidising properties	:	Non oxidizing.
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

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) : Not classified
Acute toxicity (dermal) : Causes severe skin burns and eye damage.
Acute toxicity (inhalation) : Adverse symptoms may include nausea or vomiting, headache, respiratory irritation

Prolong - Crackfill White	
ATE ZA (Dermal)	1861.252 mg/kg bodyweight

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/4h 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)

Silicon dioxide (7631-86-9)	
LD50 oral rat	3160 mg/kg Source: TOMES; HAZARDTEXT
LD50 dermal rat	≥ 2000 mg/kg bodyweight Source: ECHA
LD50 dermal rabbit	> 5000 mg/kg Source: ECHA
LC50 Inhalation - Rat (Dust/Mist)	5.01 mg/l Source: ECHA

Skin corrosion/irritation : Causes severe skin burns.

Prolong - Crackfill White	
Additional information	Causes severe skin burns

Serious eye damage/irritation : Causes serious eye damage.
Respiratory or skin sensitization : May cause an allergic skin reaction.
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

Silicon dioxide (7631-86-9)	
IARC group	3 - Not classifiable

Reproductive toxicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : May cause respiratory irritation.

Portland Cement (65997-15-1)	
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)
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	≥ 0.212 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)
NOAEL (subchronic, oral, animal/male, 90 days)	> 1000 mg/kg bodyweight/day Source: ECHA

Silicon dioxide (7631-86-9)	
NOAEL (oral, rat, 28 days)	> 2500 mg/kg bodyweight/day Source: ECHA
NOAEC (inhalation, rat, 28 days)	> 1.3 – < 46 mg/l Source: ECHA

Aspiration hazard : Not classified

Prolong - Crackfill White	
Viscosity, kinematic	Not applicable

Potential adverse human health effects and symptoms : Causes severe skin burns and eye damage. Harmful if swallowed. May be harmful if inhaled.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Before neutralisation, the product may represent a danger to aquatic organisms.

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): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
NOEC chronic algae	≈ 14 mg/l Source: ECHA

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 – < 86.03 mg/l Source: ECHA
NOEC chronic algae	> 42.1 – < 42.11 mg/l Source: ECHA

12.2. Persistence and degradability

Prolong - Crackfill White	
Persistence and degradability	Rapidly degradable

Calcium carbonate (471-34-1)	
Persistence and degradability	

Portland Cement (65997-15-1)	
Persistence and degradability	

Silicon dioxide (7631-86-9)	
Persistence and degradability	

12.3. Bioaccumulative potential

Prolong - Crackfill White	
Bioaccumulative potential	No additional information available

Silicon dioxide (7631-86-9)	
Partition coefficient n-octanol/water (Log Kow)	≈ 0.53 @ 25 °C and pH 7; Source: ECHA

12.4. Mobility in soil

Prolong - Crackfill White	
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

Regional waste regulation : HCA Regulations under OHSA (2021). South Africa's Waste Act (Act 59 of 2008).
Waste treatment methods : Unwanted product may be brushed onto absorbent material, such as newspaper or cardboard, allowed to dry completely in a well-ventilated area, and disposed of via waste collection. Incineration at licensed facilities must occur in a hazardous waste incinerator with air pollution control systems.
Sewage disposal recommendations : Do not dispose of waste into sewer or stormwater systems.
Product/Packaging disposal recommendations : Recycle or dispose of in compliance with current legislation.
Ecological waste information : The waste of the product should be considered as hazardous as the product itself, with the likelihood of impacting the environment in the same way. Consider the handling and disposal of the waste as defined by the product itself.

SECTION 14: Transport information

In accordance with SANS / UN RTDG / IMDG / IATA

SANS	UN RTDG	IMDG	IATA
14.1. UN number			
3066	3066	3066	3066
14.2. UN Proper Shipping Name			
PAINT PAINT RELATED MATERIAL	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL	Paint related material
Transport document description			
Not applicable	UN 3066 PAINT RELATED MATERIAL, 8, III	UN 3066 PAINT RELATED MATERIAL, 8, III	UN 3066 Paint related material, 8, III

SANS	UN RTDG	IMDG	IATA
14.3. Transport hazard class(es)			
8	8	8	8
	 Not applicable		
14.4. Packing group, if applicable			
III	III	III	III
14.5. Environmental hazards			
Dangerous for the environment : No	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) : 163, 223
Limited quantities (SANS) : 5 L
Excepted quantities (SANS) : E1
Packagings, large packagings and IBCs Packing instructions (SANS) : P001, IBC03
Portable tank and bulk containers instructions (SANS) : T4
Portable tank and bulk container special provisions (SANS) : TP1, TP29

UN RTDG

Special provisions (UN RTDG) : 163, 223, 367
Limited quantities (UN RTDG) : 5L
Excepted quantities (UN RTDG) : E1
Packing instruction (UN RTDG) : P001, IBC03
Portable tank and bulk container special instructions (UN RTDG) : T4
Portable tank and bulk container special provisions (UN RTDG) : TP1, TP29

IMDG

Special provisions (IMDG) : 163, 223, 367
Limited quantities (IMDG) : 5 L
Excepted quantities (IMDG) : E1
Packing instructions (IMDG) : P001
IBC packing instructions (IMDG) : IBC03
Tank instructions (IMDG) : T4
Tank special provisions (IMDG) : TP1, TP29
EmS-No. (Fire) : F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE
EmS-No. (Spillage) : S-B - SPILLAGE SCHEDULE Bravo - CORROSIVE SUBSTANCES
Stowage category (IMDG) : A
Stowage and handling (IMDG) : SW2
Properties and observations (IMDG) : Corrosive content. Causes burns to skin, eyes and mucous membranes.

IATA

PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y841
PCA limited quantity max net quantity (IATA) : 1L
PCA packing instructions (IATA) : 852

PCA max net quantity (IATA)	:	5L
CAO packing instructions (IATA)	:	856
CAO max net quantity (IATA)	:	60L
Special provisions (IATA)	:	A3, A72, A192, A803
ERG code (IATA)	:	8L

14.7. Transport in bulk according to IMO instructions

Not applicable

SECTION 15: Regulatory information

15.1. National regulations

15.1.1. OCCUPATIONAL HEALTH AND SAFETY ACT, 1993

Prohibited Hazardous Chemical Agents
Not regulated

15.1.2. National Environmental Management Act, 1998

Regulation No. 51358 (Prior Informed Consent Procedure Regulations, 2024)
Not regulated

15.2. Safety, health, and environmental national regulations specific for the product

State or local regulations : This product complies with South African legal lead limit of 90ppm or less.

SECTION 16: Other information

Issue date	:	25/07/2022
Revision date	:	26/10/2026
Supersedes	:	23/10/2026

Section	Changed item	Comments
	Supersedes	**Modified**
	Limited quantities (IMDG)	**Added**
	Stowage and handling (IMDG)	**Added**
	Tank special provisions (IMDG)	**Added**
	Tank instructions (IMDG)	**Added**
	IBC packing instructions (IMDG)	**Added**
	Excepted quantities (IMDG)	**Added**
	Special provisions (IATA)	**Modified**
	CAO max net quantity (IATA)	**Modified**
	CAO packing instructions (IATA)	**Modified**
	PCA max net quantity (IATA)	**Modified**
	PCA packing instructions (IATA)	**Modified**
	PCA limited quantity max net quantity (IATA)	**Modified**
	PCA Limited quantities (IATA)	**Modified**
	Proper Shipping Name (IATA)	**Modified**
	Properties and observations (IMDG)	**Modified**

Section	Changed item	Comments
	Proper Shipping Name (IMDG)	**Modified**
	Stowage category (IMDG)	**Modified**
	Special provisions (IMDG)	**Modified**
	Packagings, large packagings and IBCs Special packing instructions (SANS)	**Removed**
	Portable tank and bulk container special provisions (SANS)	**Modified**
	Portable tank and bulk containers instructions (SANS)	**Modified**
	Packagings, large packagings and IBCs Packing instructions (SANS)	**Modified**
	Special provisions (SANS)	**Modified**
	Limited quantities (SANS)	**Modified**
	Proper Shipping Name (SANS)	**Modified**
	EmS-No. (Fire)	**Added**
	EmS-No. (Spillage)	**Added**
	Revision date	**Modified**
	UN-No.(SANS)	**Modified**
1.2	Use of the substance/mixture	**Removed**
2.1	Adverse physicochemical, human health and environmental effects	**Modified**
3	Composition/information on ingredients	**Modified**
4	Symptoms/effects after ingestion	**Added**
4	Symptoms/effects after skin contact	**Modified**
4	First-aid measures after skin contact	**Modified**
4	First-aid measures general	**Modified**
4	First-aid measures after ingestion	**Modified**
5.1	Unsuitable extinguishing media	**Added**
5.2	Explosion hazard	**Added**
5.2	Fire hazard	**Added**
5.3	Firefighting instructions	**Added**
6	For containment	**Added**
6	Emergency procedures	**Added**
6	Protective equipment	**Added**
6	General measures	**Added**
7.1	Additional hazards when processed	**Added**
7.2	Packaging materials	**Added**
7.2	Storage conditions	**Modified**
7.2	Technical measures	**Added**
8.2	Personal protective equipment	**Added**
9	Freezing point	**Modified**

Section	Changed item	Comments
9	Relative density	**Modified**
12.1	Ecology - general	**Modified**
13	Product/Packaging disposal recommendations	**Added**
13	Sewage disposal recommendations	**Added**
13	Additional information	**Added**
13	Regional waste regulation	**Added**
14.1	UN-No. (IATA)	**Modified**
14.1	UN-No. (IMDG)	**Modified**
14.4	Packing group (IMDG)	**Added**
14.6	Packing instructions (IMDG)	**Added**

Full text of H-statements:	
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H332	Harmful if inhaled
H335	May cause respiratory irritation

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.