

Prolong - Ready Grout - White

Safety Data Sheet

According to Regulations for Hazardous Chemical Agents, 2021 and United Nations GHS revision 9
Issue date: 6/10/2025 Version: 1.0

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

1.1. GHS product identifier

Product form : Mixture
Trade name : Prolong - Ready Grout - White
Type of product : Coatings
Product code : PLREADGROUWHI

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Ready mixed bonded wall and floor grout designed for pointing tile joints

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

Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 2	H319
Carcinogenicity, Category 2	H351
Specific target organ toxicity – Single exposure, Category 3,	H335
Respiratory tract irritation	
Specific target organ toxicity – Repeated exposure, Category 2	H373

Full text of H-statements: see section 16

Adverse physicochemical, human health and environmental effects : Suspected of causing cancer, May cause damage to organs through prolonged or repeated exposure, Harmful in contact with skin, May cause respiratory irritation, Causes skin irritation, Causes serious eye irritation.

2.2. GHS label elements, including precautionary statements

Labelling according to the United Nations GHS

Hazard pictograms (GHS ZA) :



Signal word (GHS-ZA) : Warning
Hazardous ingredients : Titanium dioxide; Silicon dioxide; Solvent naphtha (petroleum), heavy arom.
Hazard statements (GHS ZA) : H315 - Causes skin irritation
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation
H351 - Suspected of causing cancer (Inhalation)

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Precautionary statements (GHS ZA)

H373 - May cause damage to organs (central nervous system, Skin) through prolonged or repeated exposure (Inhalation, Dermal)
: P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P103 - Read carefully and follow all instructions.
P261 - Avoid breathing dust, mist.
P264 - Wash hands, forearms and face thoroughly after handling.
P280 - Wear eye protection, protective clothing, protective gloves.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 - If skin irritation occurs: Get medical advice/attention
P337+P313 - If eye irritation persists: Get medical advice/attention
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 at hand.; P102 - Keep out of reach of children.; P103 - Read carefully and follow all instructions.; P261 - Avoid breathing dust, mist.; P264 - Wash hands, forearms and face thoroughly after handling.; P280 - Wear eye protection, protective clothing, protective gloves.; P302+P352 - IF ON SKIN: Wash with plenty of soap and water; P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.; P332+P313 - If skin irritation occurs: Get medical advice/attention; P337+P313 - If eye irritation persists: Get medical advice/attention; 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	29.55 – 59.1	Acute Tox. 4 (Dermal), H312 Acute Tox. Not classified (Inhalation:dust,mist) Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE Not classified Aquatic Acute Not classified Aquatic Chronic Not classified
Kaolin	CAS-No.: 1332-58-7	5 – 15	Acute Tox. Not classified (Oral) Acute Tox. Not classified (Dermal) Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Corr./Irrit. Not classified
Titanium dioxide	CAS-No.: 13463-67-7	1 – 8	Acute Tox. Not classified (Oral) Acute Tox. Not classified (Inhalation:dust,mist) Carc. 2, H351 Aquatic Chronic Not classified
Solvent naphtha (petroleum), heavy arom.	CAS-No.: 64742-94-5	1.425 – 3	STOT RE 1, H372 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

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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 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. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms/effect, acute and delayed

Symptoms/effects after inhalation	: May cause respiratory irritation.
Symptoms/effects after skin contact	: Harmful in contact with skin. Irritation.
Symptoms/effects after eye contact	: Eye irritation.
Symptoms/effects after ingestion	: None under normal conditions.

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. Carbon dioxide.
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	: Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.
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6.1.1. For non-emergency personnel

Protective equipment	: Wear recommended personal protective equipment.
Emergency procedures	: Ventilate spillage area. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin, eyes and clothing.

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 unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment.

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6.3. Methods and materials for containment and cleaning up

For containment	: Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.
Methods for cleaning up	: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
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	: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Use only outdoors or in a well-ventilated area.
Hygiene measures	: Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
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

Technical measures	: Keep in a cool, well-ventilated place away from heat.
Storage conditions	: Store locked up. Store in a well-ventilated place. Keep container tightly closed.
Packaging materials	: Store always product in container of same material as original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Titanium dioxide (13463-67-7)	
South Africa - Occupational Exposure Limits (Restricted Limits)	
Local name	Titanium dioxide
RHCA - STEL/C	10 mg/m ³ 10 mg/m ³ total inhalable dust 5 mg/m ³ respirable dust
Remark	CARC (denotes carcinogenicity, which is based on GHS categorisation, including category 1A, 1B)
Regulatory reference	Government Notice No. R. 280, 2021 Government Notice. R: 1179
South Africa - Occupational Exposure Limits (Airborne Pollutants)	
Local name	Titanium dioxide
OEL TWA	10 mg/m ³ inhalable particulate 5 mg/m ³ respirable particulate
Regulatory reference	Government Notice No. R 904
Kaolin (1332-58-7)	
South Africa - Occupational Exposure Limits (Airborne Pollutants)	
Local name	Kaolin
OEL TWA	3 mg/m ³ respirable particulate
Regulatory reference	Government Notice No. R 904

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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

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

SECTION 9: Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Liquid
Appearance	: Paste.
Colour	: White
Odour	: slight
Odour threshold	: No data available
pH	: ≈ 8.5 Typical; Source: Product TDS
pH solution	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
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	: ≈ 1.73 Typical; Source: Product TDS
Relative density of saturated gas/air mixture	: No data available
Density	: No data available
Relative gas density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Partition coefficient n-octanol/water (Log Kow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

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Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
Lower explosion limit	: No data available
Upper explosion limit	: No data available
Physical state	: Liquid
Appearance	: Paste.

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

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Titanium dioxide (13463-67-7)	
LD50 oral rat	> 2000 – < 25000 mg/kg bodyweight Practically nontoxic; Source: ECHA
LC50 Inhalation - Rat (Dust/Mist)	> 3.43 – < 6.82 mg/l/4h Source: ECHA
Kaolin (1332-58-7)	
LD50 oral rat	> 5000 mg/kg Source: HSDB
LD50 dermal rat	> 5000 mg/kg Source: HSDB
LC50 Inhalation - Rat (Dust/Mist)	≥ 5 mg/l
Silicon dioxide (7631-86-9)	
LD50 oral rat	3160 mg/kg Source: TOMES; HAZARTEXT
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

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Solvent naphtha (petroleum), heavy arom. (64742-94-5)	
LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Remarks on results: other:
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Remarks on results: other:
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: EPA OTS 798.1100 (Acute Dermal Toxicity), Remarks on results: other:

Skin corrosion/irritation	: Causes skin irritation. pH: \approx 8.5 Typical; Source: Product TDS
Serious eye damage/irritation	: Causes serious eye irritation. pH: \approx 8.5 Typical; Source: Product TDS
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Suspected of causing cancer (Inhalation).

Titanium dioxide (13463-67-7)	
IARC group	2B - Possibly carcinogenic to humans
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.

Silicon dioxide (7631-86-9)	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: May cause damage to organs (central nervous system, Skin) through prolonged or repeated exposure (Inhalation, Dermal).

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

Solvent naphtha (petroleum), heavy arom. (64742-94-5)	
LOAEL (dermal, rat/rabbit, 90 days)	50 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)
LOAEC (inhalation, rat, vapour, 90 days)	4.71 mg/l air Animal: rat, Guideline: EU Method B.29 (Sub-Chronic Inhalation Toxicity:90-Day Study)
NOAEL (oral, rat, 28 days)	\geq 4 mg/kg bodyweight/day Source: ECHA
NOAEC (inhalation, rat, vapour, 90 days)	2355 mg/l air Animal: rat, Guideline: EU Method B.29 (Sub-Chronic Inhalation Toxicity:90-Day Study)
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard	: Not classified
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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

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Titanium dioxide (13463-67-7)	
EC50 - Crustacea [1]	> 2.41 – < 103.9 mg/l Source: ECHA
EC50 - Other aquatic organisms [1]	> 100 mg/l Test organisms (species):
EC50 72h - Algae [1]	≥ 100 mg/l Source: ECHA
LOEC (acute)	≈ 160 mg/l Fish, 4 Days; Source: ECHA
LOEC (chronic)	≈ 5 mg/l Crustacea, 21 Days; Source: ECHA
NOEC (acute)	0.004 – 0.08 mg/l 28 Dday, fish; Source: Echa
NOEC (chronic)	≥ 100 mg/l 28 days; Source: ECHA
NOEC chronic fish	> 80 – < 160 mg/l 6 days; 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
Solvent naphtha (petroleum), heavy arom. (64742-94-5)	
LC50 - Fish [1]	> 580 – < 8410 µg/l Source: ECHA
EC50 - Crustacea [1]	1.2 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 12.4 – < 18.9 mg/l Source: ECHA

12.2. Persistence and degradability

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Persistence and degradability	Not rapidly degradable
Titanium dioxide (13463-67-7)	
Persistence and degradability	
Kaolin (1332-58-7)	
Persistence and degradability	
Silicon dioxide (7631-86-9)	
Persistence and degradability	
Solvent naphtha (petroleum), heavy arom. (64742-94-5)	
Persistence and degradability	

12.3. Bioaccumulative potential

Prolong - Ready Grout - 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

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Solvent naphtha (petroleum), heavy arom. (64742-94-5)

Partition coefficient n-octanol/water (Log Kow) > 2.4 – < 6.5 @ 21 - 25 °C and pH 6.2 - 7; Source: ECHA

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

Regional waste regulation : Disposal must be done according to official regulations.
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations : Disposal must be done according to official regulations.
Product/Packaging disposal recommendations : Disposal must be done according to official regulations.
Additional information : Do not re-use empty containers.

SECTION 14: Transport information

In accordance with SANS / IMDG / IATA

SANS	IMDG	IATA
14.1. UN number		
Not regulated for transport		
14.2. UN Proper Shipping Name		
Not applicable	Not applicable	Not applicable
Transport document description		
Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)		
Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable
14.4. Packing group, if applicable		
Not applicable	Not applicable	Not applicable
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

No data available

IMDG

No data available

IATA

No data available

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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

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

No additional information available

SECTION 16: Other information

Issue date : 10/06/2025

Full text of H-statements:

H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H331	Toxic if inhaled
H332	Harmful if inhaled
H335	May cause respiratory irritation
H340	May cause genetic defects
H350	May cause cancer
H351	Suspected of causing cancer
H372	Causes damage to organs through prolonged or repeated exposure
H373	May cause damage to organs through prolonged or repeated exposure
H411	Toxic 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.