

# Prolong - Profill White

## Safety Data Sheet

According to Regulations for Hazardous Chemical Agents, 2021 and United Nations GHS revision 8  
Issue date: 2/7/2023 Revision date: 8/3/2023 Supersedes: 8/3/2023 Version: 2.0

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

#### 1.1. GHS product identifier

Product form	: Mixture
Trade name	: Prolong - Profill White
Type of product	: Filler
Product code	: PLPROFILW
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	: Multi-purpose ready mixed bonded interior and exterior filler
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#### 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
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### 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	Not classified	
Serious eye damage/eye irritation, Category 2		H319
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	: May cause damage to organs through prolonged or repeated exposure, May cause respiratory 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

: Solvent naphtha (petroleum), heavy arom.; Silicon dioxide

Hazard statements (GHS ZA)

: H319 - Causes serious eye irritation

H335 - May cause respiratory irritation

H373 - May cause damage to organs (central nervous system) through prolonged or repeated exposure (Inhalation)

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Precautionary statements (GHS ZA) : P102 - Keep out of reach of children.  
P103 - Read carefully and follow all instructions.  
P260 - Do not breathe dusts or mists.  
P280 - Wear eye protection, protective gloves.  
P501 - Dispose of container to recycling.

### 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	49.25 – 73.875	Acute Tox. Not classified (Dermal) Acute Tox. Not classified (Inhalation:dust,mist) Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Aquatic Acute Not classified Aquatic Chronic Not classified
Kaolin	CAS-No.: 1332-58-7	12 – 18	Acute Tox. Not classified (Oral) Acute Tox. Not classified (Dermal) Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Corr./Irrit. Not classified
Solvent naphtha (petroleum), heavy arom.	CAS-No.: 64742-94-5	1.9 – 5	STOT RE 2, H373 Asp. Tox. 1, H304

## SECTION 4: First aid measures

### 4.1. Description of necessary first aid measures

First-aid measures general : 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.  
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 eye contact : Eye irritation.

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

Treat symptomatically.

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### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) extinguishing media

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

#### 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 : Take up liquid spill into absorbent material.  
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 : 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.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Silicon dioxide (7631-86-9)

##### South Africa - Occupational Exposure Limits (Airborne Pollutants)

Local name	Silica, amorphous
OEL TWA	6 mg/m <sup>3</sup> inhalable particulate 3 mg/m <sup>3</sup> respirable particulate
Regulatory reference	Government Notice No. R 904

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### 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	: Off-white.
Odour	: Slight odour.
Odour threshold	: No data available
pH	: > 8.8 – < 9.8
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	: ≈ 1.78
Relative density of saturated gas/air mixture	: No data available
Density	: No data available
Relative gas density	: No data available
Solubility	: Miscible with water.
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
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.

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### 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

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:

Silicon dioxide (7631-86-9)	
LD50 oral rat	3160 mg/kg Source: TOMES; HAZARTEXT
LD50 dermal rabbit	> 5000 mg/kg Source: ECHA
LC50 Inhalation - Rat (Dust/Mist)	5.01 mg/l 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 Source: OSHRI GLP toxicity test

Skin corrosion/irritation : Not classified.  
pH: > 8.8 – < 9.8  
Serious eye damage/irritation : Causes serious eye irritation.  
pH: > 8.8 – < 9.8  
Respiratory or skin sensitisation : Not classified

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Germ cell mutagenicity	: Not classified
Carcinogenicity	: 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) through prolonged or repeated exposure (Inhalation).

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)
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	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified

## 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

Solvent naphtha (petroleum), heavy arom. (64742-94-5)	
EC50 - Crustacea [1]	1.2 mg/l Test organisms (species): Daphnia magna
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

### 12.2. Persistence and degradability

Prolong - Profill White	
Persistence and degradability	No additional information available

### 12.3. Bioaccumulative potential

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Bioaccumulative potential	No additional information available

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### 12.4. Mobility in soil

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Mobility in soil	No additional information available
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### 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
<b>14.1. UN number</b>		
Not regulated for transport		
<b>14.2. UN Proper Shipping Name</b>		
Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>		
Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable
<b>14.4. Packing group, if applicable</b>		
Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>		
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

### 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

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### SECTION 16: Other information

Issue date : 07/02/2023  
Revision date : 03/08/2023  
Supersedes : 03/08/2023

#### Full text of H-statements:

H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H301	Toxic if swallowed
H302	Harmful if swallowed
H303	May be harmful if swallowed
H304	May be fatal if swallowed and enters airways
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
H319	Causes serious eye irritation
H331	Toxic if inhaled
H332	Harmful if inhaled
H335	May cause respiratory irritation
H340	May cause genetic defects
H341	Suspected of causing genetic defects
H350	May cause cancer
H372	Causes damage to organs through prolonged or repeated exposure
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
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.