

## 1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name: PROLONG CRACK FILL (PL058)  
 Synonyms: Mixture of mineral powders  
 Description: Filler for patching holes and cracks in most interior and exterior surfaces.  
 Company: Dura Paints (Pty) Ltd  
 Address: 5 Wakefield Road, Founders View South, Edenvale, 1610, South Africa  
 Contact us on: +27 11 452-5221

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: Mixture of mineral powders  
 Classification: SKIN CORROSION / IRRITATION – Category 1  
 SPECIFIC TARGET ORGAN TOXICITY REPEATED EXPOSURE – Category 1  
 Hazardous and or other relevant components: Contains quartz – do not inhale dust.  
 Substance / mixture: Mixture of fine powders.  
 Classification: Non-hazardous  
 Other means of identification: A fine general-purpose powder filler.  
 Substance / mixture:  
 CAS number / other identifiers:  
 CAS number: Not applicable

Ingredient Name	CAS Number	%
Quartz	14808-60-7	<60%
Sodium Citrate	68-04-02	<2%
Calcium Silicate	65997-15-1	<35%

There are no additional ingredients present which, within the current knowledge of the supplier and in the considerations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

## 3. HAZARDS IDENTIFICATION

Hazard Statements: H314 – Causes severe skin burns and eye damage.  
 H372 – Cause damage to organs through prolonged or repeated exposure.

**Precautionary statements**  
 General: P101 – If medical advice is needed, have product container or label at hand.  
 P102 – Keep out of reach of children  
 P103 – Read label before use.

Prevention: P201 – Obtain special instructions before use.  
 P202 – Do not handle until all safety precautions have been read and understood.  
 P233 – Keep container tightly closed.  
 P260 – Do not breathe vapor.  
 P261 – Avoid breathing dust / fumes / gas / mist / vapours / spray.  
 P262 – Do not get in eyes, on skin, or on clothing.  
 P264 – Wash hands thoroughly after handling.  
 P280 – Wear protective gloves, protective clothing, eye protection or face protection.

Response: P310 – Immediately call a POISON CENTER or physician if you feel unwell.  
 P314 – Get medical advice or attention if you feel unwell.  
 P363 – Wash contaminated clothing before reuse.  
 P301-330+331 – IF SWALLOWED – Rinse mouth. Do NOT induce vomiting.  
 P303+361+353 – IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water / shower.  
 P304+340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P305+338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.  
 P333+313 – If skin irritation or a rash occurs: Get medical advice / attention.  
 P337+313 – If eye irritation persists get medical advice / attention.  
 P370+380 – In case of fire: Evacuate area.

### 3. HAZARDS IDENTIFICATION (Contd.)

Storage	P410 – Protect from sunlight P402+404 – Store in a dry place. Store in a closed container.
Disposal	P501 – Dispose of contents / containers in accordance with local regulation
Other hazards which do not result in classification	None Identified

### 4. FIRST AID MEASURE

Ingestion:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Wash out mouth with water. Remove dentures if any. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe.
Skin:	Remove contaminated clothing and shoes. Wash contaminated skin with soap or a recognised skin cleaner and plenty of water. Avoid the use of solvents. Get medical attention if symptoms persist. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Eyes:	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation persists.

#### Most important symptoms / effects, acute and delayed.

#### Potential acute health effects

Eye contact:	May cause eye damage.
Inhalation:	May cause respiratory irritation.
Skin contact:	May cause severe skin burns and eye damage.
Ingestion:	Harmful if swallowed.

#### Over-exposure signs/symptoms:

Eye contact:	Adverse symptoms may include pain, irritation or redness.
Inhalation:	Adverse symptoms may include nausea or vomiting, headache, respiratory irritation.
Skin contact:	Adverse symptoms may include irritation or redness.
Ingestion:	May cause damage to organs through prolonged or repeated exposure.

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

Note to physician:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments:	No specific treatment.
Protection of first-aiders:	No action shall be taken involving any personal risk or without suitable training.

### 5. FIRE-FIGHTING MEASURES

#### Extinguishing media:

Suitable extinguishing media	'Use an extinguishing agent suitable for the surrounding fire such as foam, CO <sub>2</sub> or dry powder.
Unsuitable extinguishing media:	None know

#### Specific hazards arising from the chemical:

<b>Hazardous thermal decomposition products:</b>	Decomposition products may include the following materials: Carbon dioxide Carbon monoxide Metal oxide / oxides.
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#### Special protective actions For fire-fighters

#### Special protective equipment for fire-fighters:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.  
Fire-fighters should wear appropriate protective equipment.

### 6. ACCIDENTAL RELEASE MEASURES

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

For non-emergency personnel:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
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## 6. ACCIDENTAL RELEASE MEASURES (Contd.)

For emergency responders: If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

Small spill: Move containers from spill area. Dilute with water and scrap up. Dispose of via a licensed disposal contractor.

Large spill: Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

## 7. HANDLING AND STORAGE

### Precautions to be taken in handling and storage:

**Precautions for safe handling:** Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist.

**Conditions for safe storage, including any incompatibilities:** Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriated containment to avoid environmental contamination. Do not reuse container.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits  
SAPMA Rating: 3-H-D Slight hazard potential.

Inhalation: In case of insufficient ventilation use suitable respiratory protection.

Skin: Avoid contact as far as possible. Observe the rules of hygiene. Wash before eating, drinking or smoking. Use barrier cream and gloves. PVC gloves are recommended.

Eyes: Avoid direct contact. Never touch eyes with dirty hands or gloves. Use safety glasses.

Ingestion: Observe the rules of hygiene. Wash hands before eating, drinking or smoking.

Personal protective equipment: Use eye protection and dust respirator.

### Occupational exposure limits:

Ingredient name:	Exposure limits
Quartz	<b>OHSA (TWA):</b> 2.4 million of particle - Respirable 0.1 mg/m <sup>3</sup> - Respirable 0.3 mg/m <sup>3</sup> - Total dust.

Recommended monitoring procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

Appropriate engineering controls: No special ventilation requirements.

### Individual protection measures

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION (Contd.)

Eye/face protection:	Avoid direct contact. Never touch eyes with dirty hands or gloves. Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.
Hand protection:	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Body protection:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection:	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Powder	Odour:	None
Colour:	White	Water solubility:	Water miscible
Relative density:	2.7 (typical)		

## 10. STABILITY AND REACTIVITY

Stable under normal conditions.	
Chemical stability:	Stable under normal conditions.
Reactivity:	Inert – no reaction with fire-fighting water
Possibility of hazardous reactions:	Under normal conditions or storage and use, hazardous reactions will not occur.
Incompatibility (material to avoid):	No data available
Conditions to avoid:	Moisture will cause product to harden.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Quartz	LD50 Oral	Rat	>5000 ppm	-

### Irritation/Corrosion

No data available

### Specific target organ toxicity (single exposure)

No data available

### Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target Organs
Quartz	Category1	Not determined	Respiratory system

### Aspiration hazard

No data available

Information on the likely routes of exposure: Ingestion, inhalation, skin contact

### Potential acute health effects:

Eye contact:	Causes serious eye damage.
Inhalation:	May cause respiratory irritation.
Skin contact:	Causes severe skin burns and eye damage.
Ingestion:	Harmful if swallowed.

### Symptoms related to the physical, chemical and toxicological characteristics

Eye contact:	Adverse symptoms may include pain or irritation, watering or redness.
Inhalation:	Adverse symptoms may include nausea or vomiting, headache, respiratory irritation.
Skin contact:	Adverse symptoms may include irritation or redness.
Ingestion:	May cause damage to organs through prolonged or repeated exposure.

## 11. TOXICOLOGICAL INFORMATION (Contd.)

Potential Chronic health effects:

General:	May cause damage to organs through prolonged or repeated exposure.
Carcinogenicity:	May cause cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity:	No known significant effects or critical hazards.
Teratogenicity:	No known significant effects or critical hazards.
Developmental effects:	No known significant effects or critical hazards.
Fertility effects:	No known significant effects or critical hazards.

Acute toxicity estimates

No data available

## 12. ECOLOGICAL INFORMATION

### Toxicity

Toxicity:

Product/Ingredient	Result	Species	Exposure
Quartz	Acute LC50 500 mg/l Fish	Rainbow trout	96 hours
	Acute LC50 300 mg/l Aquatic	Daphnia magna	48 hours
	Acute LC50 230 mg/l Aquatic	Daphnia magna	96 hours

### Persistence and degradability

Not data available.

### Bioaccumulative potential

No data available.

### Mobility in soil

Soil / water partition coefficient

(K<sub>oc</sub>): No data available

Mobility: No data available

**PBT/vPvB data:** P: Not data available. B: Not data available. T: No data available.




Other adverse effects: No known significant effects or critical hazards.

## 13. DISPOSAL CONSIDERATIONS

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Exercise caution in disposal of used containers

## 14. TRANSPORT INFORMATION

SHIPPING NAME:	Slight hazard potential.
PACKAGING GROUP:	III
HAZARD CLASS:	3-H-D

	Transportation – Road – SANS 10228:2012	Transportation – Maritime – IMO / IMDG	Transportation – Air – IATA
UN Number	3066	3066	3066
UN proper shipping name	Paint	Paint	Paint
Transport hazard class (es)	8 	8 	8 

## 14. TRANSPORT INFORMATION (Contd.)

<b>Packaging group</b>	III	III	III
<b>Environmental hazards</b>	No	No	No
<b>Additional information</b>	No data available	Emergency schedules (EmS) F-A, S-B  <b>Remarks:</b> (, 5L:) Limited Quantity – ADR/IMDG 3.4.6	<b>Passenger and Cargo Aircraft Ltd QTY:</b> Quantity limitation: 1L Packaging instructions Y841 <b>Passenger and Cargo Aircraft:</b> Quantity limitation: 5 L Packaging instructions: 852 <b>Cargo Aircraft Only:</b> Quantity limitation: 60 L Packaging instructions 856
<b>Transport in bulk according to Annex 11 of MARPOL 73/78 and the IBC code</b>	No data available	No data available	No data available

## 15. REGULATORY INFORMATION

Classification:	Slight hazard potential.
Hazard Statements:	H314 / H372
<b>Precautionary statements:</b>	
General:	P101 / P102 / P103
Prevention:	P201 / P202 / P233 / P260 / P261 / P262 / P264 / P280 /
Response:	P310 / P314 / P363 / [P301+330+331] / [P303 + 361 + 353] / [P304+340] / [P305+351+338] / [P333 + 313] / [ P337+313] / [P370 + 380]
Storage:	P410 / [P402+404]
Disposal:	P501
Other hazards which do not result in classification	None Identified.

### Safety, health and environmental regulations

Relevant information regarding authorization: Occupational Health and Safety ACT 1993 Regulation for Hazardous Chemical Substances.

## 16. OTHER INFORMATION

This data is offered in good faith as typical values and not as a product specification. No warranty, whether expressed or implied is made. All information is given in good faith, but without guarantee in respect of accuracy and no responsibility is accepted for errors or omissions or the consequences thereof. The current version of this MSDS and a Technical Data Sheet (TDS) are available from Dura Paints website - [www.durapaints.co.za](http://www.durapaints.co.za).

C	=	Ceiling limit	NEGL	=	Negligible
EST	=	Estimated	NF	=	None found
NA	=	Not applicable	UNKN	=	Unknown
NE	=	None established	REC	=	Recommended
ND	=	None determined	V	=	Recommended by vendor
TS	=	Trade secret	SKN	=	Skin
R	=	Recommended	MST	=	Mist

**END OF MSDS**