

# SAFETY DATA SHEET

## Roth Compact Primer

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued	17.04.2018
Revision date	17.04.2018

#### 1.1. Product identifier

Product name	Roth Compact Primer
Article no.	S798
GTIN No.	7054159997981

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance / preparation	Cement-based, fibre-reinforced, highly flexible primer that ensures good adhesion between Roth Compact System products and subsequent product, such as any type of tile adhesive or self-levelling screeds.
Relevant identified uses	SU10 Formulation [mixing] of preparations and/or re-packaging (excluding alloys) SU19 Building and construction work SU22 Professional uses: publicly accessible (administration, education, entertainment, services, craftsmen) PC10 Building and construction substances not covered elsewhere PROC4 Use in batch and other process (synthesis) where opportunity for exposure arises PROC9 Transfer of substance or preparation into small containers (dedicated filling line, including weighing) PROC19 Hand-mixing in close conditions and only PPE available. ERC8C Wide dispersive indoor use resulting in inclusion into or onto a matrix ERC8F Wide dispersive outdoor use resulting in inclusion into or onto a matrix
Uses advised against	Roth Compact® Primermust not be used to align the base or build up a drop.
Standard industrial classification (NACE)	23.650

#### 1.3. Details of the supplier of the safety data sheet

##### Downstream user

Company name	Roth North Europe A/S
Office address	Centervej 5
Postal address	DK-Frederikssund
Postcode	3600

City	Frederikssund
Country	Denmark
Telephone number	+45 47380121
Fax	+45 47380242
Email	<a href="mailto:service@roth-nordic.dk">service@roth-nordic.dk</a>
Website	<a href="http://www.roth-nordic.com">http://www.roth-nordic.com</a>

## 1.4. Emergency telephone number

Emergency telephone	Telephone number: 999 or 112
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## SECTION 2: Hazards identification

### 2.1. Classification of substance or mixture

Substance / mixture hazardous properties	Not regarded as a health or environmental hazard under current legislation. For further information, please refer to section 11.
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### 2.2. Label elements

Precautionary statements	P102 Keep out of reach of children. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice / attention.
Supplemental label information	EUH 066 Repeated exposure may cause skin dryness or cracking.

### 2.3. Other hazards

PBT / vPvB	This product does not contain any PBT or vPvB substances.
Hazard description, general	Does not contain substances that must be indicated according to current regulations.
Health effect	Inhalation of dust may irritate the respiratory system. May be slightly irritating to skin and eyes. Splashes in the eyes may cause redness and irritation.
Environmental effects	This product does not contain any PBT or vPvB substances. In the presence of water the product hardens to a solid mass which is not biodegradable.

## SECTION 3: Composition / information on ingredients

### 3.2. Mixtures

Description of the mixture	The Safety Data Sheet indicates the product's characteristics in dry condition. No ingredients contribute to the classification.
Reason for substance inclusion in the SDS	Aluminate cement are not classified as hazardous, but mixed with water it may be irritating to skin and eyes.
Substance comments	The full text for all hazard statements is displayed in section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General	Remove affected person from source of contamination. Contaminated clothing should be removed immediately. Get medical attention if any discomfort continues.
Inhalation	Fresh air. Ensure free airways, seek medical attention if irritation persists.
Skin contact	Remove contaminated clothing. Wash the skin immediately with soap and water.
Eye contact	Rinse the eye with water immediately. Get medical attention if any discomfort continues.
Ingestion	When small amounts (a mouthful or less): Rinse mouth with water. Drink water or milk. Contact your doctor for evaluation. For larger quantities than described above: Rinse mouth with water. Drink water or milk. Seek immediate medical attention. Do not induce vomiting.

### 4.2. Most important symptoms and effects, both acute and delayed

Acute symptoms and effects	May cause irritating to the skin, eyes and bronchiae.
Delayed symptoms and effects	Fine grained products may itch and cause discomfort and se easy dehydrating.

### 4.3. Indication of any immediate medical attention and special treatment needed

Medical treatment	Symptomatic treatment.
Information on clinical testing	Not known.
Medical monitoring for delayed effects	A need for preventive occupational medical examinations is not indicated.
Other information	When in doubt, or when symptoms persist – seek medical help. General health check.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	Choose in relation to the surrounding fire.
Improper extinguishing media	None.

### 5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	Not relevant.
Hazardous combustion products	Not relevant.

### 5.3. Advice for firefighters

Personal protective equipment	No recommendation given.
Fire fighting procedures	Use extinguishing measures appropriate to local circumstances and the surrounding environment.

Special protective equipment for firefighters	Firefighters should use adequate protection.
Other information	Fight fire with normal precautions from a reasonable distance.

## SECTION 6: Accidental release measures

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

General measures	Use personal protective equipment as specified in section 8.
Personal protection measures	Use specified protective equipment. Avoid inhalation of dust. Avoid contact with skin and eyes. Use recovery methods without development of dust.
Emergency procedures	Not relevant.
For emergency responders	Use the specified safety equipment. See section 8

### 6.2. Environmental precautions

Environmental precautionary measures	Collect and dispose of spillage as indicated in section 13.
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### 6.3. Methods and material for containment and cleaning up

Containment	No recommendation given.
Other information	Larger quantities collected and delivered to approved receiving station for hazard waste. Small quantities taken up mechanically, avoiding dust formation.

### 6.4. Reference to other sections

Other instructions	See section 1 for emergency contact information. See section 8 for information on appropriate personal equipment. See section 13 for waste disposal.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Handling	Avoid spilling, skin and eye contact. Avoid handling which leads to dust formation.
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### Protective safety measures

Protective safety measures	No recommendation given.
Safety measures to prevent fire	No specific measures necessary.
Preventitive measures to protect the environment	Avoid dust formation.
Advice on general occupational hygiene	First-aid equipment, including eye wash bottle, must be available at the work site. Provide easy access to water supply and eye wash facilities. Good personal hygiene is necessary. Wash hands and contaminated areas before leaving the workplace.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage	Store in dry, sealed container.
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Conditions to avoid	Avoid contact with moisture and influence of weather.
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### Conditions for safe storage

Technical measures and storage conditions	No specific measures or conditions indicated.
Packaging compatibilities	Store in tightly sealed original packaging.
Requirements for storage rooms and vessels	Store in a dry place. Store in a closed container.
Advice on storage compatibility	No specific advice on storage is indicated.
Storage stability	Should be used within 1 year of the Production date.

### 7.3. Specific end use(s)

Recommendations	Read the description in the technical datasheet about surface treatment before use.
Specific use(s)	Cement-based, fibre-reinforced, highly flexible primer that ensures good adhesion between Roth Compact System products and subsequent product, such as any type of tile adhesive or self-levelling screeds.

## SECTION 8: Exposure controls / personal protection

Comments if preventive industrial medical examinations are to be carried out	A need for preventive occupational medical examinations is not indicated.
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### 8.1. Control parameters

Substance	Identification	Value	TWA Year
Inhalable dust, total dust		TWA (8h) : 10 mg/m <sup>3</sup>	TWA Year: 2010
Inhalable dust, respirable dust		TWA (8h) : 5 mg/m <sup>3</sup>	TWA Year: 2010

### 8.2. Exposure controls

#### Safety signs



### Precautionary measures to prevent exposure

Instruction on measures to prevent exposure	The usual precautions for handling chemicals should be followed. Ensure that eyewash stations are close to the workstation location.
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### Eye / face protection

Suitable eye protection	Wear approved chemical safety goggles where eye exposure is reasonably probable.
Eye protection equipment	Description: If risk of splashing, wear safety goggles or face shield. Reference to relevant standard: EN 166

### Hand protection

Skin- / hand protection, long term contact	< 8 h Neoprene, nitrile, polyethylene or PVC.
Skin- / hand protection, long term contact	> 8 h Neoprene, nitrile, polyethylene or PVC.
Suitable gloves type	Neoprene, nitrile, polyethylene or PVC.
Breakthrough time	Value: > 480 minute(s) Comments: Breakthrough time for the given glove material.
Hand protection equipment	Reference to relevant standard: EN 374
Hand protection, comments	Prolonged or repeated skin contact may cause drying of the skin and risk of cracking.

## Skin protection

Recommended protective clothing	Description: In case of direct contact or splash, wear protective clothing. Reference to relevant standard: ISO 13688
Skin protection remark	Prolonged or repeated skin contact may lead to dry skin with risk of cracking.

## Respiratory protection

Recommended respiratory protection	Filter apparatus type: Filter P2 (for fine dust). Reference to relevant standard: EN 143
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## Thermal hazards

Thermal hazards	Not relevant.
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## Hygiene / environmental

Specific hygiene measures	Use appropriate skin cream to prevent drying of skin. Wash at the end of each work shift and before eating, smoking and using the toilet.
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## Appropriate environmental exposure control

Environmental exposure controls	The product must not be discharged directly into drains or waterways without treatment.
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## Exposure controls

Safety measures for consumer use of the chemical	Use the specified safety equipment. See section 8. Follow the label instructions.
Exposure controls and personal protection, additional information	All protection should be CE marked. Contaminated clothes should be laundered before reuse.
Exposure controls, comments	Wash hands before breaks, lavatory and before leaving the work site.

# SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Physical state	Powder.
Colour	Grey.

Odour	No characteristic odour.
pH	Status: In aqueous solution Value: ~ 10 Comments: Miscible with water.
Melting point / melting range	Comments: Not relevant.
Boiling point / boiling range	Comments: Not relevant.
Flash point	Comments: Not relevant.
Explosion limit	Comments: Not relevant.
Vapour pressure	Comments: Not relevant.
Specific gravity	Value: = 1600 kg/m <sup>3</sup>
Solubility	Comments: Miscible with water.
Spontaneous combustability	Comments: Not relevant.
Decomposition temperature	Comments: Not known.
Explosive properties	No explosive properties.
Oxidising properties	No oxidizing properties.

## 9.2. Other information

### Physical hazards

Miscibility	Miscible with water.
Water reactivity	Not known.
Air reactive	Not known.
Pour point	Comments: Not known.
Particle size	Value: 0 – 0,3 mm

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	No hazardous reactions if regulations/notes for storage and handling are observed.
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### 10.2. Chemical stability

Stability	Stable under recommended storage conditions – see Section 7.
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### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Stable under recommended storage conditions – see Section 7.
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### 10.4. Conditions to avoid

Conditions to avoid	The product will harden into a hard mass in contact with water and moisture.
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### 10.5. Incompatible materials

Materials to avoid	Strong acids.
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## 10.6. Hazardous decomposition products

Hazardous decomposition products	No hazardous decomposition products when handled and stored properly.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Substance	Dolomit
Acute toxicity	<p><b>Type of toxicity:</b> Acute  <b>Effect tested:</b> LD50  <b>Route of exposure:</b> Oral  <b>Value:</b> &gt; 5000 mg/kg  <b>Animal test species:</b> rat</p>
Substance	Calcium sulfate
Acute toxicity	<p><b>Type of toxicity:</b> Acute  <b>Effect tested:</b> LD50  <b>Route of exposure:</b> Oral  <b>Value:</b> &gt; 1581 mg/kg bw  <b>Animal test species:</b> Rat Rat  <b>Test reference:</b> OECD 420 OECD 403</p> <p><b>Type of toxicity:</b> Acute  <b>Effect tested:</b> LD50  <b>Route of exposure:</b> Dermal  <b>Value:</b> n/a  <b>Comments:</b> No toxicity due to low absorption potential.</p> <p><b>Type of toxicity:</b> Acute  <b>Effect tested:</b> LC50  <b>Route of exposure:</b> Inhalation.  <b>Duration:</b> Maximal dose  <b>Value:</b> &gt; 2,61 mg/l  <b>Animal test species:</b> Rat  <b>Test reference:</b> OECD 403</p>

### Other information regarding health hazards

Toxicokinetics	Not known.
Skin corrosion / irritation, human experience	Prolonged or repeated contact may cause irritation.
Eye damage or irritation, human experience	Direct contact may irritate.
General	By addition of water the mixture may be irritating to skin and eyes. The cured product is not considered to cause any health hazard.
Skin contact	The product may cause irritation by prolonged contact.
Eye contact	Direct contact may cause irritation.



Ingestion	Not relevant.
Sensitisation	No basis for classification as a sensitizer.
Mutagenicity	Not relevant.
Germ cell mutagenicity, human experience	Not relevant.
Assessment of germ cell mutagenicity, classification	Not relevant.
Carcinogenicity, other information	Not relevant.
Reproductive toxicity	Not relevant.
Assessment of reproductive toxicity, classification	Not relevant.
Comparison of CMR categories	The substance does not meet the criteria for classification in terms of CRM properties under CLP.

## Symptoms of exposure

In case of ingestion	Not relevant.
In case of skin contact	May cause irritation.
In case of inhalation	Slightly Irritating.
In case of eye contact	May irritate and cause redness and pain.
Other information	Health hazard is dependent on the use and protection measures.
Comments	As long as the product is handled appropriately and used as described, has our experience and the information available, no adverse health effects.

## SECTION 12: Ecological information

### 12.1. Toxicity

Substance	Dolomit
Acute aquatic, fish	<b>Value:</b> > 10000 mg/l <b>Test duration:</b> 96 h
Substance	Calcium sulfate
Acute aquatic, fish	<b>Value:</b> > 79 mg/l <b>Test duration:</b> 96 h <b>Species:</b> Japansk ris fisk <b>Method:</b> OECD 203 <b>Test reference:</b> Harmless up to the tested concentration.
Substance	Limestone
Acute aquatic, fish	<b>Value:</b> > 100 mg/l <b>Test duration:</b> 96 h <b>Method:</b> LC50
Substance	Dolomit
Acute aquatic, algae	<b>Value:</b> > 200 mg/l <b>Test duration:</b> 72 h

Substance	Calcium sulfate
Acute aquatic, algae	<b>Value:</b> > 79 mg/l <b>Test duration:</b> 72 h <b>Species:</b> Selenastrum capricornutum <b>Method:</b> OECD 201 <b>Test reference:</b> Harmless up to the tested concentration.
Substance	Dolomit
Acute aquatic, Daphnia	<b>Value:</b> > 1000 mg/l <b>Test duration:</b> 48 h
Substance	Calcium sulfate
Acute aquatic, Daphnia	<b>Value:</b> > 79 mg/l <b>Test duration:</b> 48 h <b>Species:</b> Daphnia magna <b>Method:</b> OECD 202 <b>Test reference:</b> Harmless up to the tested concentration.
Ecotoxicity	The product is not expected to be hazardous to the environment. LC50 values for toxicity in water is not proven.
Aquatic, comments	Not classified as dangerous for the environment. However, the product must not be discharged into drains or water courses or deposited where it can affect ground or surface waters.

## 12.2. Persistence and degradability

Persistence and degradability description	This product does not contain any PBT or vPvB substances.
Biodegradability	Comments: The Product is not biodegradable.
Chemical oxygen demand (COD)	Comments: Not known.
Biological oxygen demand (BOD)	Comments: Not known.
Persistence and degradability, comments	The product is not biodegradable, but will harden in contact with water.

## 12.3. Bioaccumulative potential

Bioaccumulative potential	No bioaccumulation is indicated.
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## 12.4. Mobility in soil

Mobility	Not considered mobile.
Surface tension	Comments: Not known.

## 12.5. Results of PBT and vPvB assessment

PBT assessment results	This product does not contain any PBT or vPvB substances.
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## 12.6. Other adverse effects

Other adverse effects, comments	None known.
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Environmental details, summation	Do not allow the product to reach ground water, water course or sewage. When the product is used for the specified purpose and handled according to directions, the risk of negative environmental impact is minimal .
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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Specify the appropriate methods of disposal	Avoid release to the environment. Herdet materiale er ikke farlig avfall. Deponeres i henhold til lokale regler på kommunal avfallsplass. Betongrester og avfall kan gjenvinnes eller brukes som fyllingsmateriale. Koden for farlig avfall nevnt (EAL-kode) er veiledene. Bruker må selv angi riktig EAL-kode hvis bruksområdet avviker.
EWC waste code	EWC waste code: 170101 concrete Classified as hazardous waste: No
EWL packing	EWC waste code: 150102 plasticpackaging Classified as hazardous waste: No
National regulations	Regulation 01.06 2004 nr. 930, on recycling of waste with subsequent amendments.
Other information	Empty and cleaned packaging can be recycled.

## SECTION 14: Transport information

Dangerous goods	No
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### 14.1. UN number

### 14.2. UN proper shipping name

### 14.3. Transport hazard class(es)

### 14.4. Packing group

### 14.5. Environmental hazards

### 14.6. Special precautions for user

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

### Additional information

Additional information	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
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## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture

Assessed restrictions	By assessment no identified restrictions.
Restriction of chemicals according to Annex XVII (REACH)	No restrictions identified.

Other labelling requirements	No other labeling requirements.
Other label information	Not relevant.
EU occupational restrictions	No restrictions identified.
Biocides	No
Nanomaterial	No
References (laws/regulations)	<p>EU Regulation No. 1907/2006 (REACH) Title IV, art. 31 and Annex II.</p> <p>EU Regulation on classification labeling and packaging of substances and preparations (abbreviated CLP) (EC) No 1272/2008</p> <p>Annex XIV – List of substances subject to authorization. Substances that give great cause for concern.</p> <p>Annex XVII – Restrictions on the production, marketing and use of certain hazardous substances.</p> <p>Regulation 704 on occupational limit values with changes.</p> <p>EU Waste regulation (EU) nr. 413/2010 with changes</p> <p>ADR / RID 2017 Regulation No. 384 01 April 2009.</p>

## 15.2. Chemical safety assessment

Chemical safety assessment performed	No
CSR required	No
Exposure scenarios for mixture	No

## SECTION 16: Other information

Supplier's notes	<p>Information provided in the safety data sheet is prepared on the basis of information supplied by subcontractors, and according to information in our possession at the last entered revision date. The information is to be regarded as guidelines for safe use, processing, storage and transportation. It is assumed that the product is used in accordance with the description on the packaging or in the technical data sheet/product data sheet prepared by Roth North Europe A/S. Any other use of the product, if necessary in combination with other products or processes are not recommended, unless otherwise agreed with Roth North Europe A/S.</p>
List of relevant H-phrases (Section 2 and 3)	
Version	1