

Safety Data Sheet

Roxtec Fire Sealant (EN)

Internal document ID and revision
ROXNAV-1465 Rev. 4.0

Originally compiled
2018-03-26

Current version publish date
2022-11-11

Previous version publish date
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This Safety Data Sheet is prepared voluntarily: it is not required according to Article 31 of Regulation (EC) No 1907/2006.

Section 1 – Identification of the mixture and of the company

1.1 Product identifier

Roxtec Fire Sealant

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

Sealant used in passive fire protection.

1.3 Details of the supplier of the safety data sheet

Roxtec International AB
Box 540, 371 23 Karlskrona, Sweden
Phone: +46 455 36 67 00
Fax: +46 455 820 12
info@roxtec.com
www.roxtec.com

1.4 Emergency telephone number

Roxtec International AB
Phone: +46 455 36 67 00
Hours of operation: 8:00 - 16:00 CET
Information limitations: Information in English only!

Section 2 – Hazards identification

2.1 Classification of the substance or mixture

The mixture is not classified as hazardous according to the CLP Regulation, EC 1272/2008, CGMO Regs 2019 or the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) 2015 Rev. 6.

The mixture is not covered by the safety data sheet requirements under Reach Regulation, EC 1907/2006 Art. 32 or the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) 2015 Rev. 6.

2.2 Label elements

Not applicable. The product contains no substances or concentration levels that require marking.

2.3 Other hazards

On basis of available data. The product contains no PBT or vPvB substances greater than 0.1%.

Section 3 – Composition/information on ingredients

3.1 Substance

Not applicable. The product is a mixture, see 3.2.

3.2 Mixture

The product contains no substances, or concentration levels thereof, that require marking or need to be declared.

Section 4 – First-aid measures

4.1 Description of first-aid measures

Skin contact: Wash with soap and water.

Eye contact: Rinse thoroughly with clean water.

Inhalation: Let the person rest in a warm place with fresh air.

Ingestion: Rinse the mouth thoroughly with a lot of water and SPIT OUT the water. Then drink at least ½ liter of water.

Remove contaminated clothes.

4.2 Most important symptoms and effects, both acute and delayed

Not indicated.

4.3 Indication of immediate medical attention and special treatment needed

Symptomatic treatment.

Section 5 – Firefighting measures

5.1 Extinguishing media

Suitable extinguisher: Extinguish with materials intended for the surrounding fire.

Not suitable extinguisher: None in particular.

5.2 Special hazards arising from the substance or mixture

Produces fumes containing harmful gases (carbon monoxide and carbon dioxide) when burning, and, in case of incomplete combustion, aldehyde and other toxic, harmful, irritant or environmentally harmful substances.

5.3 Advice for firefighters

Use normal protective clothing for firemen according to the European standard BS EN 469, gloves (BS EN 659) and boots (HO specification A29 and A30) or equivalent requirements. Use self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

Section 6 – Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use suitable allergy-tested protective gloves when cleaning up.

Dust filter IIb (P2) may be required when cleaning up.

In case of spillage in protected water, call the emergency services immediately.

Do not inhale the product and avoid exposure to skin and eyes.

6.2 Environmental precautions

Always prevent product spill to reach soil, vegetation, drains, sewer system, surface and ground water.

In small amounts, the product released into the natural environment will not cause serious environmental consequences. Large emissions should however be reported to the emergency services and the Environment Agency.

6.3 Methods and materials for containment and cleaning up

Carefully collect the material for combustion waste disposal, then wash the spillage area with water.

Avoid stirring the material up so that it aerates.

Contaminated products should be treated as chemical waste and declared as non-hazardous goods.

6.4 Reference to other sections

See Section 8 and 13 for personal protection equipment and disposal considerations.

Section 7 – Handling and storage

7.1 Precautions for safe handling

Treat the substance as potentially harmful to health.
Wash hands thoroughly after use.
Do not eat, drink or smoke when using this product.
Remove contaminated clothing and protective equipment before you come to an area where meals are taken.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool and dry place (above freezing temperature and not above 30 °C).
Handle in premises which are well-ventilated.
Store in a well-ventilated area, not above eye-level.
Store only in original package.

7.3 Specific end use

Not relevant.

Section 8 – Exposure controls/personal protection

8.1 Control parameters

All ingredients (cf. Section 3) lack occupational exposure limit values.

8.2 Exposure controls

In terms of minimizing risks, no special attention is needed for this product besides the general obligations that follow:

- 89/391 EEC Council Directive of 12 June 1989 on the introduction of measures to encourage improvements in the safety and health of workers at work,
- other international recommendations and national occupational legislation.

Eye protection should be worn if there is any danger of direct exposure or splashing.

Protective gloves are normally not needed due to the properties of this product, but may be necessary for other reasons, e.g. mechanical risks, temperature conditions or microbiological risks. Very sensitive persons can use gloves labelled “Low Chemical Resistant” or “Waterproof”.

Protective breathing equipment should only be required in extreme work situations. Consult the manufacturer if this is the case.

Dust filter IIb (P2) may be required.

For limitation of environmental exposure, see Section 6, 12 and 13.

Section 9 – Physical and chemical properties

9.1 Basic physical and chemical properties

a) Appearance (form and color)	White, paste.
b) Odor	Not applicable.
c) Odor threshold	Not applicable.
d) PH	7-9.
e) Melting point/freezing point	Not applicable.
f) Initial boiling point and boiling range	Not applicable.
g) Flash point	Not applicable.
h) Evaporation rate	Not applicable.
i) Flammability	Not applicable.
j) Upper/lower flammability or explosive limits	Not applicable.
k) Vapor pressure	Not applicable.
l) Vapor density	Not applicable.
m) Relative density	1,61 kg/ l.
n) Solubility	Miscible with water.
o) Partition coefficient: n-octanol/water	Not applicable.
p) Auto-ignition temperature	Not applicable.
q) Decomposition temperature	Not applicable.
r) Viscosity	Not applicable.
s) Explosive properties	Not applicable.
t) Oxidizing properties	Not applicable.

9.2 Other information

No data available.

Section 10 – Stability and reactivity**10.1 Reactivity**

The product contains no substances which can lead to hazardous reactions at normal use.

10.2 Chemical stability

The product is stable under normal storage and handling conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known.

10.4 Conditions to avoid

Not indicated.

10.5 Incompatible materials

Not indicated.

10.6 Hazardous decomposition products

None under normal conditions.

Section 11 – Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****a) Acute toxicity**

The product is not classified as toxic.

b) Skin corrosion/irritation

The product is not corrosive. Minor irritation or hypersensitive reactions cannot be ruled out for persons who are overly sensitive.

c) Serious eye damage/eye irritation

Minor irritation or hypersensitive reactions cannot be ruled out for persons who are overly sensitive.

d) Respiratory or skin sensitization

Minor irritation or hypersensitive reactions cannot be ruled out for persons who are overly sensitive.

e) Germ cell mutagenicity

To the best of our knowledge, no mutagenic or otherwise genetic toxic effects have been reported for this product.

f) Carcinogenicity

To the best of our knowledge, no carcinogenic effects have been reported for this product.

g) Reproductive toxicity

To the best of our knowledge, no reproductive toxic effects have been reported for this product.

h) Specific target organ toxicity – single exposure

The product is not classified as harmful to health.

i) Specific target organ toxicity – repeated exposure

To the best of our knowledge, no chronic effects have been reported for this product.

k) Aspiration hazard

Minor irritation or hypersensitive reactions cannot be ruled out for persons who are overly sensitive.

Information on the likely routes of exposures

The product is not classified as harmful to health.

Symptoms related to the physical, chemical and toxicological characteristics

No information is known.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

To the best of our knowledge, no chronic effects have been reported for this product.

Numerical measures of toxicity (such as acute toxicity estimates)

No information is available.

Interactive effects

No information is available.

11.2 Information on other hazards

No information is available.

Section 12 – Ecological information

12.1 Toxicity

This product consists of easily degradable naturally occurring or nature identical substances, mainly obtained from renewable sources, whereby the global environmental load may be considered to be negligible. In the local environment minor ecological effects may occur in case of large discharge.

12.2 Persistence and degradability

The product degrades in the natural environment.

12.3 Bioaccumulative potential

Neither this product, nor its contents, accumulates in nature.

12.4 Mobility in soil

The product is miscible with water and is therefore variable in soil and water.

12.5 Results of PBT and vPvB assessment

No chemical safety report has been executed.

12.6 Endocrine disrupting properties

Information not available

12.7 Other adverse effects

Information not available.

Section 13 – Disposal considerations

13.1 Waste treatment methods

The product is not classified as hazardous waste. National and local waste management legislation must be complied with.

This product is not usually recycled.

Contaminated products should be treated as chemical waste and declared as non-hazardous goods.

Do not discharge to sewage disposal.

Section 14 – Transport information

This product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by road (ADR) and by rail (RID), of the International Maritime Dangerous Goods codes (IMDG) and of the International Air Transport Association (IATA) regulations.

14.1 UN number

Not classified as dangerous goods.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard classes

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for users

Not applicable.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

Section 15 – Regulatory information

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

1907/2006 EC Regulation of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

1272/2008 EC Regulation of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).

On basis of available data, the product does not contain any hazardous substances or SVHC in percentage greater than 0.1%.

15.2 Chemical Safety Assessment

No chemical assessment has been processed for the mixture and the substances it contains.

Section 16 – Other information

This version replaces Safety data sheet updated: 2018-11-19.

Reason for changes in updated SDS: General update.