

Rocatex Grout Protector

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Issue date: 04/07/2014 Revision date: 02/02/2023 Supersedes version of: 04/07/2017 Version: 3.0

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

1.1. Product identifier

Product form : Mixture
Product name : ROCATEX Grout Protector

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

1.2.1. Relevant identified uses

Intended for general public
Main use category : Industrial use, Professional use, Consumer use
Use of the substance/mixture : Protectant

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Marketing Company and Distributor

ROCATEX

Units 3+4 Camwal Park

Camwal road

Harrogate

HG1 4PT

www.rocatex.com info@rocatex.com

1.4. Emergency telephone number

Emergency number : + 44 (0) 1423 882 990 (Office hours only 8am - 5pm Mon- Thurs. 8 am - 4.30 pm Fri.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No.720)

Physical hazards Aerosol 1 - H222, H229

Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H336

Environmental hazards Aquatic Chronic 3 - H412

Human health Vapours and spray/mists in high concentrations are narcotic. See Section 11 for additional information on health hazards.

Environmental The product contains a substance which is harmful to aquatic organisms.

Physicochemical Containers can burst violently or explode when heated, due to excessive pressure build-up.
The product is extremely flammable. Vapours may form explosive mixtures with air.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Signal word Danger

Rocatex Grout Protector

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Hazard statements

H222 Extremely flammable aerosol.
H229 Pressurised container: may burst if heated.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects

Precautionary statements

P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source. P251 Do not pierce or burn, even after use.
P261 Avoid breathing vapour/ spray.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P302+P352 IF ON SKIN: Wash with plenty of water.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTRE/doctor if you feel unwell.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Contains

PROPAN-2-OL, HYDROCARBONS, C7, N-ALKANES, ISOALKANES, CYCLICS, N-BUTYL ACETATE, isopropyl acetate

Supplementary precautionary statements

P264 Wash contaminated skin thoroughly after handling.
P273 Avoid release to the environment.
P321 Specific treatment (see medical advice on this label).
P332+P313 If skin irritation occurs: Get medical advice/ attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P391 Collect spillage.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/ container in accordance with national regulations.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Classification	%
PROPAN-2-OL CAS number: 67-63-0 EC number: 200-661-7	Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	30 - 60%
HYDROCARBONS, C7, N-ALKANES, ISOALKANES, CYCLICS CAS number: 64742-49-0 EC number: 927-510-4	Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	10 - 30%

Rocatex Grout Protector

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

PETROLEUM GASES, LIQUEFIED <0.1% 1,3-BUTADIENE CAS number: 68476-85-7 EC number: 270-704-2	Flam. Gas 1A - H220 Press. Gas (Comp.) - H280	10 - 30%
N-BUTYL ACETATE CAS number: 123-86-4 EC number: 204-658-1	Flam. Liq. 3 - H226 STOT SE 3 - H336	1 – 5%
ISOPROPYL ACETATE CAS number: 108-21-4 EC number: 203-561-1	Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	1 – 5%

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If in doubt, get medical attention promptly.
Ingestion	Rinse mouth thoroughly with water. Remove person to fresh air and keep comfortable for breathing. Get medical attention.
Skin contact	Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue.

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

General information	See Section 11 for additional information on health hazards.
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4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Dry powder. Foam. Carbon dioxide.
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5.2. Special hazards arising from the substance or mixture

Specific hazards	: Containers can burst violently or explode when heated, due to excessive pressure build-up.
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5.3. Advice for firefighters

Protection during firefighting	: Use water to keep fire exposed containers cool and disperse vapours. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid inhalation of vapours and contact with skin and eyes. Ensure suitable respiratory protection is worn during removal of spillages in confined areas.

Rocatex Grout Protector

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

6.2. Environmental precautions

Avoid discharge into drains.

6.3. Methods and material for containment and cleaning up

Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers.

6.4. Reference to other sections

For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited. Use suitable respiratory protection if ventilation is inadequate.
Hygiene measures	: Wash promptly with soap and water if skin becomes contaminated. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Protect from freezing and direct sunlight. Store in a dry place. Do not store near heat sources or expose to high temperatures. Keep away from heat, sparks and open flame.
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7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

PROPAN-2-OL

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m³ Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m³

PETROLEUM GASES, LIQUEFIED <0.1% 1,3-BUTADIENE

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m³ Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m³ Short-term exposure limit (15-minute): WEL 1250 ppm 2180 mg/m³ Short-term exposure limit (15-minute): WEL 1250 ppm 2180 mg/m³

N-BUTYL ACETATE

Short-term exposure limit (15-minute): WEL 966 mg/m³ 200 ppm Long-term exposure limit (8-hour TWA): WEL 724 mg/m³ 150 ppm WEL = Workplace Exposure Limit.

PROPAN-2-OL (CAS: 67-63-0)

DNEL

Workers - Dermal; Long term systemic effects: 888 mg/kg/day Workers - Inhalation; Long term systemic effects: 500 mg/m³ Consumer - Dermal; Long term systemic effects: 319 mg/kg/day Consumer - Inhalation; Long term systemic effects: 89 mg/m³ Consumer - Oral; Long term systemic effects: 26 mg/kg/day

Rocatex Grout Protector

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

PNEC Industry - Fresh water; Long term 140.9 mg/l Industry - marine water; Long term 140.9 mg/l Industry - Sediment (Freshwater); Long term 552 mg/kg Industry - Sediment (Marinewater); Long term 552 mg/kg Industry - Soil; Long term 28 mg/l

HYDROCARBONS, C7, N-ALKANES, ISOALKANES, CYCLICS (CAS: 64742-49-0)

DNEL Consumer - Oral; Long term systemic effects: 149 mg/kg/day Consumer - Dermal; Long term systemic effects: 149 mg/kg/day Workers - Dermal; Long term systemic effects: 300 mg/kg/day Consumer - Inhalation; Long term systemic effects: 447 mg/m³ Workers - Inhalation; Long term systemic effects: 2085 mg/m³

N-BUTYL ACETATE (CAS: 123-86-4)

DNEL Consumer - Oral; Short term systemic effects: 2 mg/kg/day Consumer - Oral; Long term systemic effects: 2 mg/kg/day Workers - Dermal; Short term systemic effects: 11 mg/kg/day Workers - Dermal; Long term systemic effects: 11 mg/kg/day Consumer - Dermal; Short term systemic effects: 6 mg/kg/day Consumer - Dermal; Long term systemic effects: 6 mg/kg/day Workers - Inhalation; Short term systemic effects: 600 mg/m³ Workers - Inhalation; Short term local effects: 600 mg/m³ Workers - Inhalation; Long term systemic effects: 300 mg/m³ Workers - Inhalation; Long term local effects: 300 mg/m³ Consumer - Inhalation; Short term systemic effects: 300 mg/m³ Consumer - Inhalation; Short term local effects: 300 mg/m³ Consumer - Inhalation; Long term systemic effects: 35.7 mg/m³ Consumer - Inhalation; Long term local effects: 35.7 mg/m³

PNEC - Fresh water; 0.18 mg/l
- Sediment (Freshwater); 0.981 mg/kg
- Sediment (Marinewater); 0.981 mg/kg
- marine water; 0.018 mg/l
- STP; 35.6 mg/l
- Soil; 0.0903 mg/kg

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Eye protection:

Safety glasses : Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

Skin and body protection:

Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist.

Respiratory protection:

No specific recommendations. If ventilation is inadequate, suitable respiratory protection must be worn.

Personal protective equipment symbol(s):



Rocatex Grout Protector

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Aerosol.
Colour	Clear.
Odour	Solvent.
Odour threshold	No information available.
pH	No information available.
Melting point	No information available. Initial
boiling point and range	-41 (-41 to 126)°C
Flash point	-40°C Closed cup.
Evaporation rate	No information available.
Evaporation factor	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	Lower flammable/explosive limit: 1.0 % Upper flammable/explosive limit: 12.0 %
Vapour pressure	No information available.
Vapour density	No information available.
Relative density	0.71
Solubility(ies)	Insoluble in water.
Partition coefficient	No information available. Auto-
ignition temperature	246°C
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	No information available.
Oxidising properties	No information available.

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No test data specifically related to reactivity available for this product or its ingredients.

10.2. Chemical stability

The product may not be stable under some conditions of storage or use.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition. Avoid exposing aerosol containers to high temperatures or direct sunlight.

Rocatex Grout Protector

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

None at ambient temperatures.

SECTION 11: Toxicological information

Inhalation	May cause drowsiness or dizziness. Vapours in high concentrations are narcotic. Vapours may cause headache, fatigue, dizziness and nausea.
Skin contact	Causes skin irritation.
Eye contact	Causes serious eye irritation.
Acute and chronic health hazards	No known chronic or acute health risks.
Route of exposure	Inhalation Skin and/or eye contact

Toxicological information on ingredients.

PROPAN-2-OL

Acute toxicity – oral

Acute toxicity oral (LD₅₀ mg/kg) 5,045.0

Species Rat

ATE oral (mg/kg) 5,045.0

Acute toxicity – dermal

Acute toxicity dermal (LD₅₀ mg/kg) 12,800.0

Species Rabbit

ATE dermal (mg/kg) 12,800.0

Acute toxicity – inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l) 30.0

Species Rat

ATE inhalation (vapours mg/l) 30.0

HYDROCARBONS, C7, N-ALKANES, ISOALKANES, CYCLICS

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 5,001.0

Species Rat

ATE oral (mg/kg) 5,001.0

Acute toxicity – dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,001.0

Species Rabbit

ATE dermal (mg/kg) 2,001.0

Rocatex Grout Protector

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

N-BUTYL ACETATE

Acute toxicity – oral

Acute toxicity oral (LD₅₀ mg/kg) 10,760.0

Species Rat

ATE oral (mg/kg) 10,760.0

Acute toxicity – dermal

Acute toxicity dermal (LD₅₀ mg/kg) 14,113.0

Species Rabbit

ATE dermal (mg/kg) 14,113.0

Acute toxicity – inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l) 23.4

Species Rat

ATE inhalation (vapours mg/l) 23.4

SECTION 12: Ecological information

Ecological information on ingredients

PROPAN-2-OL

Ecotoxicity The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment

12.1. Toxicity

Ecological information on ingredients

PROPAN-2-OL

Acute aquatic toxicity

Acute toxicity – fish LC₅₀, 96 hours: 9640 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic invertebrates EC₅₀, 24 hours: >10000 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 7 days: 1800 mg/l, Selenastrum capricornutum

HYDROCARBONS, C7, N-ALKANES, ISOALKANES, CYCLICS

Acute aquatic toxicity

Acute toxicity – fish NOEC, : 1.534 mg/l, Fish
LC₅₀, 96 hours: >13.4 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates NOEC, : 1 mg/l, Daphnia magna
LC₅₀, 48 hours: 3 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 72 hours: 10 mg/l, Algae

Acute toxicity – microorganisms LOEC, : 1-10 mg/l, Activated sludge

Rocatex Grout Protector

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

N-BUTYL ACETATE

Acute aquatic toxicity

Acute toxicity – fish

LC₅₀, 24 hours: 54 mg/l, Fish

LC₅₀, 96 hours: 18 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic invertebrates

EC₅₀, 48 hours: 44 mg/l, Daphnia magna

Acute toxicity - aquatic plants

EC₅₀, 72 hours: 647.7 mg/l, Scenedesmus subspicatus

12.2. Persistence and degradability

No additional information available

Ecological information on ingredients

PROPAN-2-OL

Persistence and degradability

Expected to be readily biodegradable. The product is degraded completely by photochemical oxidation.

12.3. Bioaccumulative potential

Partition coefficient

No information available.

Ecological information on ingredients

PROPAN-2-OL

Bioaccumulative potential

Based on available data the classification criteria are not met.

Partition coefficient

log Pow: 0.05

12.4. Mobility in soil

Mobility

No information available

Ecological information on ingredients

PROPAN-2-OL

Mobility

The product is water-soluble and may spread in water systems.

Surface tension

22.7 mN/m @ 20°C

12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

Ecological information on ingredients

PROPAN-2-OL

Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

None known.

Ecological information on ingredients

PROPAN-2-OL

Other adverse effects

The product contains a substance or substances that will contribute to global warming (greenhouse effect). Not expected to have ozone depletion potential.

Rocatex Grout Protector

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830











SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information	Dispose of waste product or used containers in accordance with local regulations. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.
Disposal methods	Containers should be thoroughly emptied before disposal because of the risk of an explosion. Do not pierce or burn, even after use.
Waste class	The waste code classification is to be carried out according to the European Waste Catalogue (EWC).

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
1950	1950	1950	1950	1950
14.2. UN proper shipping name				
Aerosols Flammable	Aerosols Flammable	Aerosols Flammable	Aerosols Flammable	Aerosols Flammable
14.3. Transport hazard class(es)				
5F 2.1 	2.1 	2.1 	2.1 	5F 2.1 
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Marine Pollutant 	Marine Pollutant 	Marine Pollutant 	Marine Pollutant 	Marine Pollutant 
No supplementary information available				

14.6. Special precautions for user

EmS	F-D, S-U
ADR transport category	2
Tunnel restriction code	(D)

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

Rocatex Grout Protector

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 15: Regulatory information

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

National Regulations

The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824).
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 (as amended).
The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 (SI 2020 No. 1577) (as amended). Control of Substances Hazardous to Health Regulations 2002 (as amended). EH40/2005 Workplace exposure limits

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Revision date 02/02/2023

Revision 3

Supersedes date 14/10/2022

SDS number 8437

Hazard statements in full H220 Extremely flammable gas.
H222 Extremely flammable aerosol.
H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour.
H229 Pressurised container: may burst if heated.
H280 Contains gas under pressure; may explode if heated. H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.