



SAFETY DATA SHEET
STEAMSEAL

Page: 1

Compilation date: 25/11/2014

Revision No: 2

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

1.1. Product identifier

Product name: STEAMSEAL

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

Use of substance / mixture: Jointing compound.

1.3. Details of the supplier of the safety data sheet

Company name: ROCOL

ROCOL House

Swillington

Leeds

West Yorkshire

LS26 8BS

ENGLAND

Tel: +44 (0) 113 232 2700

Fax: +44 (0) 113 232 2740

Email: customer-service@rocol.com

1.4. Emergency telephone number

Emergency tel: +44 (0) 113 232 2600

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: STOT RE 1: H372; Acute Tox. 4: H302+332; Aquatic Chronic 3: H412; -: EUH208

Classification under CHIP: Xn: R20/22; Xn: R48; -: R52/53

Most important adverse effects: Contains methyl ethyl ketoxime. May produce an allergic reaction. Harmful if swallowed or if inhaled. Causes damage to organs through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: EUH208: Contains methyl ethyl ketoxime. May produce an allergic reaction.

H302+332: Harmful if swallowed or if inhaled.

H372: Causes damage to organs through prolonged or repeated exposure.

H412: Harmful to aquatic life with long lasting effects.

Signal words: Danger

Hazard pictograms: GHS07: Exclamation mark

GHS08: Health hazard

[cont...]

SAFETY DATA SHEET

STEAMSEAL

Page: 2



Precautionary statements: P260: Do not breathe.
P271: Use only outdoors or in a well-ventilated area.
P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/.
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312: Call a POISON CENTER/doctor//if you feel unwell.
P314: Get medical if you feel unwell.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

MANGANESE DIOXIDE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
215-202-6	1313-13-9	-	Acute Tox. 4: H332; Acute Tox. 4: H302	30-50%

QUARTZ

238-878-4	14808-60-7	-	Acute Tox. 4: H332; STOT RE 1: H372	10-30%
-----------	------------	---	-------------------------------------	--------

CHINA CLAY

310-194-1	1332-58-7	Substance with a Community workplace exposure limit.	-	10-30%
-----------	-----------	--	---	--------

WHITE SPIRIT (CONTAINS LESS THAN 0.1% BENZENE)

265-185-4	64742-82-1	-	Flam. Liq. 3: H226; Aquatic Chronic 2: H411; STOT SE 3: H336; Asp. Tox. 1: H304	2-10%
-----------	------------	---	---	-------

GRAPHITE POWDER

231-955-3	7782-42-5	Substance with a Community workplace exposure limit.	-	<2%
-----------	-----------	--	---	-----

Contains: METHYL ETHYL KETOXIME

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

[cont...]

SAFETY DATA SHEET

STEAMSEAL

Page: 3

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: No symptoms.

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Use water spray to cool containers. Alcohol or polymer foam. Dry chemical powder.
Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

[cont...]

SAFETY DATA SHEET

STEAMSEAL

Page: 4

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

QUARTZ

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	-	-	0.1 mg/m ³	-

CHINA CLAY

EU	2.0 mg/m ³	-	-	-
----	-----------------------	---	---	---

WHITE SPIRIT (CONTAINS LESS THAN 0.1% BENZENE)

UK	100 ppm / 575 mg/m ³	125 ppm / 720 mg/m ³	-	-
----	---------------------------------	---------------------------------	---	---

GRAPHITE POWDER

UK	-	-	5 mg/m ³	10 mg/m ³
----	---	---	---------------------	----------------------

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Respiratory protection: Respiratory protection not normally required.

Hand protection: Protective gloves.

Eye protection: Safety glasses with side-shields.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Paste

Colour: Black

Odour: Barely perceptible odour

Evaporation rate: Negligible

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Insoluble

Viscosity: Highly viscous

Flash point°C: >93

Autoflammability°C: > 200

Relative density: 1.86

pH: Approx. 7

9.2. Other information

Other information: No data available.

[cont...]

SAFETY DATA SHEET

STEAMSEAL

Page: 5

Section 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid: Heat. Direct sunlight.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong reducing agents.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

MANGANESE DIOXIDE

ORL	RAT	LD50	>3478	mg/kg
SCU	MUS	LD50	422	mg/kg

Relevant effects for mixture:

Effect	Route	Basis
Acute toxicity (harmful)	INH ING	Hazardous: calculated
Repeated dose toxicity	-	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: No symptoms.

Section 12: Ecological information

12.1. Toxicity

[cont...]

SAFETY DATA SHEET

STEAMSEAL

Page: 6

Hazardous ingredients:

CHINA CLAY

ALGAE	72H IC50	> 1000	mg/l
DAPHNIA	48H EC50	> 1000	mg/l
FISH	96H LC50	> 1000	mg/l

12.2. Persistence and degradability

Persistence and degradability: Only slightly biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Non-volatile. Absorbed only slowly into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

Compiled in accordance with REACH.

.....
Product label must specify:

CONTAINS SUBSTANCE(S):

MANGANESE DIOXIDE (CAS 1313-13-9)

[cont...]

SAFETY DATA SHEET

STEAMSEAL

Page: 7

QUARTZ (CAS 14808-60-7)

WHITE SPIRIT (< 0.1% BENZENE - CAS 64742-82-1)

METHYL ETHYL KETOXIME (CAS 96-29-7)

.....

Phrases used in s.2 and s.3: EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.
H226: Flammable liquid and vapour.
H302: Harmful if swallowed.
H302+332: Harmful if swallowed or if inhaled.
H304: May be fatal if swallowed and enters airways.
H332: Harmful if inhaled.
H336: May cause drowsiness or dizziness.
H372: Causes damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
H411: Toxic to aquatic life with long lasting effects.
H412: Harmful to aquatic life with long lasting effects.
R20/22: Harmful by inhalation and if swallowed.
R48: Danger of serious damage to health by prolonged exposure.
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Legend to abbreviations: PNEC = predicted no effect level
DNEL = derived no effect level
LD50 = median lethal dose
LC50 = median lethal concentration
EC50 = median effective concentration
IC50 = median inhibitory concentration
dw = dry weight
bw = body weight
cc = closed cup
oc = open cup
MUS = mouse
GPG = guinea pig
RBT = rabbit
HAM = hamster
HMN = human
MAM = mammal
PGN = pigeon
IVN = intravenous
SCU = subcutaneous
SKN = skin

[cont...]

SAFETY DATA SHEET

STEAMSEAL

Page: 8

DRM = dermal

OCC = ocular/corneal

PCP = phycico-chemical properties

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.