

# SAFETY DATA SHEET

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

### 1.1. Product identifier

**Trade name**

RG Construction Seal

**Product no.**

-

**REACH registration number**

Not applicable

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

**Relevant identified uses of the substance or mixture**

Construction adhesive for most building applications

**Uses advised against**

-

The full text of any mentioned and identified use categories are given in section 16

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

**Company and address**

RG Rom Gummi A/S

Neptunvej 1

DK-7620 Lemvig

Tlf.: +45 97 82 20 33

**Contact person**

**E-mail**

info@romgummi.dk

**SDS date**

2019-08-22

**SDS Version**

9.1

### 1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service). See section 4 "First aid measures".

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP)

### 2.2. Label elements

**Hazard pictogram(s)**

Not applicable

**Signal word**

-

**Hazard statement(s)**

Not applicable

**Precautionary statements**

General -

Prevention -

Response -

Storage -

Disposal -

According to EC-Regulation 2015/830

**Identity of the substances primarily responsible for the major health hazards**

Not applicable

**Additional labelling**

Safety data sheet available on request. (EUH210)

**Unique formula identifier (UFI)**

-

**2.3. Other hazards**

Not applicable

**Additional warnings**

Not applicable

**▼ VOC (volatile organic compound)**

VOC-Max: 60 g/l, MAXIMUM VOC CONTENT (-): (g/l (\*)) g/l.

**SECTION 3: Composition/information on ingredients**

**3.1/3.2. Substances/Mixtures**

NAME:	Trimethoxyvinylsilane
IDENTIFICATION NOS.:	CAS-no: 2768-02-7 EC-no: 220-449-8 REACH-no: 01-2119513215-52-XXXX
CONTENT:	2.5 - <5%
CLP CLASSIFICATION:	Flam. Liq. 3, Acute Tox. 4 H226, H332

(\*) See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

**Other information**

ATEmix(inhale, vapour) > 20  
ATEmix(inhale, dust/mist) > 5  
ATEmix(inhale, gas) > 20000  
ATEmix(dermal) > 2000  
ATEmix(oral) > 2000

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information**

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. The doctor can contact The National Poisons Information Service: Dial 0344 892 0111 (24 h service). Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

**Inhalation**

Bring the person into fresh air and stay with him/her.

**Skin contact**

Wash contaminated skin with water.

**Eye contact**

Remove contact lenses and open eyes widely. Flush eyes with water or saline water(20-30°C) for at least 15 minutes. Seek medical assistance and continue flushing during transport.

**Ingestion**

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

**Burns**

Not applicable

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

Nothing special

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

Nothing special

**Information to medics**

According to EC-Regulation 2015/830

Bring this safety data sheet.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Waterjets should not be used, since they can spread the fire.

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

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous catabolic substances are produced. These are: Nitrogen oxides. Carbon oxides. Some metal oxides. Fire will result in dense black smoke. Exposure to combustion products may harm your health. Fire fighters should wear appropriate protection equipment. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

## SECTION 6: Accidental release measures

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

No specific requirements.

### 6.2. Environmental precautions

No specific requirements.

### 6.3. Methods and material for containment and cleaning up

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

### 6.4. Reference to other sections

See section on "Disposal considerations" in regard of handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

See section on 'Exposure controls/personal protection' for information on personal protection.

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

Always store in containers of the same material as the original container.

#### Storage temperature

No data available.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### OEL

Methanol (released in small quantities during vulcanisation)

Long-term exposure limit (8-hour TWA reference period): 200 ppm | 266 mg/m<sup>3</sup>

Short-term exposure limit (15-minute reference period): 250 ppm | 333 mg/m<sup>3</sup>

Comments: Sk (Sk = Can be absorbed through skin.)

#### DNEL / PNEC

DNEL (Methanol (released in small quantities during vulcanisation)): 260

Exposure: Inhalation

### 8.2. Exposure controls

Compliance with the accepted occupational exposure limits values should be controlled on a regular basis.

#### General recommendations

Smoking, eating and drinking are not allowed in the work premises

#### Exposure scenarios

According to EC-Regulation 2015/830

In the event exposure scenarios are appended to the safety data sheet, the operational conditions and risk management measures in these shall be complied with.

### Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

### Appropriate technical measures

Airborne gas and dust concentrations must be kept at a minimum and below current limit values (see above). Installation of an exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and -showers are clearly marked.

### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

### Measures to avoid environmental exposure

No specific requirements.

### Individual protection measures, such as personal protective equipment



### Generally

Use only CE marked protective equipment.

### Respiratory Equipment

Not relevant if the room is well ventilated. If used in small and very badly ventilated rooms a respirator may be used. In this case an AX-filter is recommended.

### Skin protection

Wear appropriate protection clothing, e.g. coveralls in polypropylene or working clothes in cotton or polyester.

### Hand protection

Nitrile rubber

Material thickness: 0,1 mm.

Breakthrough time: > 480 minutes (Class 6)

When applying the sealant with a caulking gun and when finishing with a joint nail, work can be carried out without gloves if skin contact is avoided.

### Eye protection

No specific requirements.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Form	Pasta
Colour	Black
Odour	No data available.
Odour threshold (ppm)	No data available.
pH	No data available.
Viscosity (40°C)	No data available.
Density (g/cm <sup>3</sup> )	1,46

### Phase changes

Melting point (°C)	No data available.
Boiling point (°C)	No data available.
Vapour pressure	No data available.
Decomposition temperature (°C)	No data available.
Evaporation rate (n-butylacetate = 100)	No data available.

### Data on fire and explosion hazards

Flash point (°C)	No data available.
Ignition (°C)	No data available.
Auto flammability (°C)	No data available.
Explosion limits (% v/v)	No data available.

According to EC-Regulation 2015/830

Explosive properties	No data available.
<b>Solubility</b>	
Solubility in water	Insoluble
n-octanol/water coefficient	No data available.
<b>9.2. Other information</b>	
Solubility in fat (g/L)	No data available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available

### 10.2. Chemical stability

The product is stable under the conditions, noted in the section "Handling and storage".

### 10.3. Possibility of hazardous reactions

Nothing special

### 10.4. Conditions to avoid

Nothing special

### 10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

Substance: Trimethoxyvinylsilane  
Species: Rat  
Test: LD50  
Route of exposure: Oral  
Result: 7100 mg/kg

Substance: Trimethoxyvinylsilane  
Species: Rabbit  
Test: LD50  
Route of exposure: Dermal  
Result: 3200 mg/kg

Substance: Trimethoxyvinylsilane  
Species: Rat  
Test: LD50  
Route of exposure: Inhalation  
Result: 16,8 mg/l/4h

#### Skin corrosion/irritation

Data on substance: Trimethoxyvinylsilane  
Organism: Rabbit  
Duration of Exposure: 96 h  
Result: Not irritating

#### Serious eye damage/irritation

Data on substance: Trimethoxyvinylsilane  
Organism: Rabbit  
Result: Irritating

#### ▼ Respiratory or skin sensitisation

Data on substance: Trimethoxyvinylsilane  
Organism: Guinea pig  
Result: Not sensitising

#### Germ cell mutagenicity

No data available.

#### Carcinogenicity

No data available.

According to EC-Regulation 2015/830

**Reproductive toxicity**

No data available.

**STOT-single exposure**

No data available.

**STOT-repeated exposure**

No data available.

**Aspiration hazard**

No data available.

**Long term effects**

Nothing special

**SECTION 12: Ecological information**

**12.1. Toxicity**

Substance: Trimethoxyvinylsilane  
Species: Fish  
Test: LC50  
Duration: 96 h  
Result: 191 mg/l

Substance: Trimethoxyvinylsilane  
Species: Daphnia  
Test: EC50  
Duration: 48 h  
Result: 169 mg/l

Substance: Trimethoxyvinylsilane  
Species: Daphnia  
Test: NOEC  
Duration: 21 d  
Result: 25 mg/l

Substance: Trimethoxyvinylsilane  
Species: Algae  
Test: NOEC  
Duration: 72 h  
Result: 25 mg/l

**12.2. Persistence and degradability**

Substance  
Trimethoxyvinylsilane

Biodegradability  
No

Test  
No data available

Result  
No data available

**12.3. Bioaccumulative potential**

Substance

Potential bioaccumulation

LogPow

BCF

No data available.

**12.4. Mobility in soil**

No data available

**12.5. Results of PBT and vPvB assessment**

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

**12.6. Other adverse effects**

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

Product is not covered by regulations on dangerous waste.

**Waste**

EWC code  
08 04 10

waste adhesives and sealants other than those mentioned in 08 04 09

**Specific labelling**

Not applicable

**Contaminated packing**

No specific requirements.

According to EC-Regulation 2015/830

## SECTION 14: Transport information

### 14.1 – 14.4

Not dangerous goods according to ADR, IATA and IMDG.

#### ADR/RID

14.1. UN number	-
14.2. UN proper shipping name	-
14.3. Transport hazard class(es)	-
14.4. Packing group	-
Notes	-
Tunnel restriction code	-

#### IMDG

UN-no.	-
Proper Shipping Name	-
Class	-
PG*	-
EmS	-
MP**	-
Hazardous constituent	-

#### IATA/ICAO

UN-no.	-
Proper Shipping Name	-
Class	-
PG*	-

### 14.5. Environmental hazards

-

### 14.6. Special precautions for user

-

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

No data available

(\*) Packing group

(\*\*) Marine pollutant

## SECTION 15: Regulatory information

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

#### Restrictions for application

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

#### Demands for specific education

-

#### Additional information

Not applicable

#### Seveso

Seveso III Part 2: Methanol (released in small quantities during vulcanisation), Methanol

#### Biocidal reg. no.

Not applicable

#### Sources

Council Directive 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding.  
Directive 2004/42/CE of the European Parliament and of the Council of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes

According to EC-Regulation 2015/830

and vehicle refinishing products and amending Directive 1999/13/EC.

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677. The Stationery Office, 2002.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (CLP).

Regulation (EC) 1907/2006 (REACH).

The Control of Major Accident Hazards (COMAH) Regulations 2015.

## 15.2. Chemical safety assessment

No

## SECTION 16: Other information

### Full text of H-phrases as mentioned in section 3

H226 - Flammable liquid and vapour.

H332 - Harmful if inhaled.

### The full text of identified uses as mentioned in section 1

-

### Additional label elements

Not applicable

### Other

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

### The safety data sheet is validated by

Robert Pedersen

### Date of last essential change

#### (First cipher in SDS version)

2018-12-14(9.0)

### Date of last minor change

#### (Last cipher in SDS version)

2018-12-14