SAFETY DATA SHEET

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

1.1. Product identifier

Trade name
M-Glue
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
Monier Roofing Component GmbH
Frankfurter Landstr. 2-4
D-61440 Oberusel, Germany

T +49 6171 61 008
F +49 6171 61 2300
www.braas-monier.com
Contact person
Dr. Anne Schuchardt
E-mail
anne.schuchardt@monier.com
SDS date
2016-03-30
SDS Version
5.0

1.4. Emergency telephone number

Use your national or local emergency number
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)
See full text of H-phrases in section 2.2.

2.2. Label elements

Hazard pictogram(s)
-
Signal word
-
Hazard statement(s)
-

Safety statement(s)	General	-
	Prevention	-
	Response	-
	Storage	-
	Disposal	-

Identity of the substances primarily responsible for the major health hazards

-

2.3. Other hazards

-

Additional labelling

Safety data sheet available on request. (EUH210)

Additional warnings

-

VOC

-

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: 01-2119513215-52-0003
CONTENT:	1-3%
CLP CLASSIFICATION:	Flam. Liq. 3, Acute Tox. 4 H226, H332

NAME:	Organosilan ester
IDENTIFICATION NOS.:	-
CONTENT:	1-3%
CLP CLASSIFICATION:	Flam. Liq. 3, Acute Tox. 4 H226, H332

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

Other informations

ATEmix(inhale, vapour) > 20
ATEmix(inhale, dust/mist) > 20
ATEmix(inhale, dust/mist) > 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. Contact a physician, if there is doubt about the injured person's condition, or the symptoms continuous. Never give the unconscious person water or alike.

Inhalation

Lead the person into fresh air and keep the person under watch.

Skin contact

Remove contaminated clothing and shoes at once. If there has been contact to some skin, wash is thoroughly with water and soap. Skin cleansing remedies can be used. DO NOT use solvents or a thinner.

Eye contact

Remove contact lenses. Flush eyes immediately with plenty of water (20-30 °C), until irritation cease and for at least 15 min.

Ingestion

Give the person plenty to drink and keep the person under watch. If fainting: Contact a physician immediately and bring along this security datasheet or the label from the product. Do not induce vomiting, unless recommended by the physician. Lower the person's head, so that vomit does not run back into the mouth or throat.

Burns

Not applicable

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

Non specific.

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

Non specific.

Information to medics

Bring this safety data sheet.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Recommendation: alcohol resistant foam, carbonic acid, powder, fog. Usage of a water beam is forbidden, since it can spread the fire.

5.2. Special hazards arising from the substance or mixture

If the product gets exposed to high temperature, as in case of a fire, dangerous demolition products get created. These are: Nitrogen oxides. Carbon oxides. Some metal oxides. If exposed to decomposition products, a danger to one's health is at risk. Fire fighters should use proper protection gear. A closed container, which is exposed to fire, should be cooled with water. Do not allow the water from the fire extinction run into sewer systems and water streams.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No specific demands.

6.2. Environmental precautions

No specific demands.

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. If possible, clean with cleaning supplies. Solvents should be avoided.

6.4. Reference to other sections

See section 13 regarding handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Smoking, consumption of food and liquids as well as storage of tobacco, foods and liquids is not allowed in the room. See section on 'Exposure controls/personal protection' for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Always store in the same container as the original material. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Storage temperature

No data available.

7.3. Specific end use(s)

This product should only be used for applications described in Section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

OEL

Methanol (released in small quantities during vulcanisation) (EH40/2005)
Long-term exposure limit (8-hour TWA reference period): 200 ppm | 266 mg/m3
Short-term exposure limit (15-minute reference period): 250 ppm | 333 mg/m3
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 stated exposure limits values should be checked on a regular basis.

General recommendations

Smoking, consumption of food and liquids as well as storage of tobacco, foods and liquids, is not allowed in the room.

Exposure scenarios

If there is an appendix to this safety data sheet, the indicated exposure scenarios must be complied.

Exposure limits

Trade users should encompass the rules of the work environment legislation on maximum concentrations of exposure. See work hygienic threshold limiting values below.

Appropriate technical measures

Airborne gas and dust concentrations must be kept lowest possible and under the existing threshold limiting values (see below). In case the air streams in the work room is not sufficient, use for example an exhaust. Make sure there are visible signs for eye cleanser and shower.

Hygiene measures

Wash hands before breaks and at the end of work.

Measures to avoid environmental exposure

No specific demands.

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.

Skin protection

No specific demands.

Hand protection

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. Recommended: Butyl/nitrile rubber. Breakthrough time: Follow the manufacturer's instructions

Eye protection

No specific demands.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Pasta
Colour	Various colours
Odour	No data available.
pH	No data available.
Viscosity	No data available.
Density (g/cm3)	1,46

Phase changes

Melting point (°C)	No data available.
Boiling point (°C)	No data available.
Vapour pressure	No data available.

Data on fire and explosion hazards

Flashpoint (°C)	No data available.
Ignition (°C)	No data available.
Self ignition (°C)	No data available.

Explosion limits (Vol %)	No data available.

Solubility

Solubility in water	Insoluble
n-octanol/water coefficient	No data available.

9.2. Other information

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 section 7.

10.3. Possibility of hazardous reactions

Non specific.

10.4. Conditions to avoid

Non specific.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reductants 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	Species	Test	Route of exposure	Result
Trimethoxyvinylsilane	Rabbit	LD50	Dermal	3200 mg/kg
Trimethoxyvinylsilane	Rat	LD50	Inhalation	16,8 mg/l/4h
Trimethoxyvinylsilane	Rat	LD50	Oral	7100 mg/kg

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

No data available. Data on substance: Trimethoxyvinylsilane
Organism: Guinea pig
Result: Not sensitising

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

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

Non specific.

SECTION 12: Ecological information

12.1. Toxicity

Substance	Species	Test	Duration	Result
Trimethoxyvinylsilane	Fish	LC50	96 h	191 mg/l
Trimethoxyvinylsilane	Daphnia	EC50	48 h	169 mg/l
Trimethoxyvinylsilane	Daphnia	NOEC	21 d	25 mg/l
Trimethoxyvinylsilane	Algae	NOEC	72 h	25 mg/l

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
Trimethoxyvinylsilane	No	No data available	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

No data available

12.6. Other adverse effects

This product contains substances, which can give unwanted long term effects in a water environment, due to its poor decomposition.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

This product is not included in the regulation of dangerous waste.

Waste

EWC code

08 04 10

Specific labelling

-

Contaminated packing

No specific demands.

SECTION 14: Transport information

14.1 – 14.4

Non dangerous goods, referring to ADR 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 MARPOL73/78 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
-

Demands for specific education
-

Additional information
-

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.
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).
EC regulation 1907/2006 (REACH).

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
-

Other symbols mentioned in section 2
-

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)) 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)
2016-03-30

Date of last minor change
(Last cipher in SDS version)
2016-03-30