

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name :	PUFAS construct.adhes.K15 -pressuer pack (Konstruktionskleber K15 - Pressure Pack		
Article number :	035005000	Version :	1.0.0
Revision date :	11.02.2020	Print date :	11.02.2020

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

1.1 Product identifier

PUFAS construct.adhes.K15 -pressuer pack
(Konstruktionskleber K15 - Pressure Pack (035005000)

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

Relevant identified uses

Products Category [PC]

PC1 - PC 1 - Adhesives, sealants

Sectors of use [SU]

SU22 - Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

SU21 - Consumer uses: Private households (= general public = consumers)

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

PUFAS Werk KG

Street : Im Schedetal 1

Postal code/city : 34346 Hann. Münden

Telephone : +49 (0)5541 7003-01

Telefax : +49 (0)5541 7003-50

Information contact :

E-mail (competent person) : sds@pufas.de

Website : www.pufas.de

1.4 Emergency telephone number

+49 (0)5541 7003-41/-64

Only available during office hours (Mo-Th 8 - 16 h, Fr 8 - 12.30 h).

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

2.2 Label elements

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

Signal word

Warning

Hazard statements

H229 Pressurised container: May burst if heated.

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.

P251 Do not pierce or burn, even after use.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P101 If medical advice is needed, have product container or label at hand.

Special rules for supplemental label elements for certain mixtures

EUH208 Contains N-(3-(TRIMETHOXYSILYL)PROPYL)ETHYLENEDIAMINE ; REACTION MASS OF BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL)- SEBACATE AND METHYL-1,2,2,6,6,-PENTAMETHYL-4-PIPERIDYL SEBACAT ; DUBUTYLBIS(PENTANE-2,4-DIONATO-O,O')TIN ; 3-(2-AMINOETHYLAMINO)-PROPYLTRIMETHOXYSILAN.May produce an allergic reaction.

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2.3 Other hazards

This mixture does not contain any substances classified as PBT/vPvB or included in the SVHC-Candidate List.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description

Consists of: MS-polymer, inorganic extenders and additives

Hazardous ingredients

TRIMETHOXYVINYLILANE ; REACH No. : 01-2119513215-52 ; EC No. : 220-449-8; CAS No. : 2768-02-7

Weight fraction : $\geq 5 - < 10 \%$

Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 Acute Tox. 4 ; H332

Additional information

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Notice the directions for use on the label. When in doubt or if symptoms are observed, get medical advice. Change contaminated, saturated clothing.

Following inhalation

In case of respiratory tract irritation, consult a physician.

In case of skin contact

After contact with skin, wash immediately with plenty of water and soap.

After eye contact

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

After ingestion

Rinse mouth immediately and drink plenty of water. When in doubt or if symptoms are observed, get medical advice.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

No information available.

5.3 Advice for firefighters

Special protective equipment for firefighters

Do not inhale explosion and combustion gases. Use suitable breathing apparatus.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No special measures are necessary.

6.2 Environmental precautions

Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

For containment

Soak up inert absorbent and dispose as waste requiring special attention. Do not dry up the product.

6.4 Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Avoid contact with skin and eyes. Keep away from food, drink and animal feeding stuffs.

Measures to prevent fire

No special measures are necessary.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep/Store only in original container. Keep container tightly closed.

Hints on joint storage

No special measures are necessary.

Further information on storage conditions

Do not store outside. Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Please note safety instructions and directions for use on the drum.

Do not store at temperatures below : Avoid cooling to under 0°C.

7.3 Specific end use(s)

Recommendation

Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

None

8.2 Exposure controls

Personal protection equipment

Eye/face protection

Suitable eye protection

Use safety glasses.

Skin protection

Hand protection

Hand protection is not required Avoid contact with the skin and mouth.

Body protection

Wearing of closed working clothes. Remove contaminated, saturated clothing.

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Respiratory protection

Suitable respiratory protection apparatus

Avoid contact with the skin and mouth. Provide for good ventilation.

General information

The usual precautionary measures for the handling of chemicals have to be observed. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

Environmental exposure controls

See also section 6 and 12.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state : Pasty.

Colour : transparent

Odour

characteristic

Safety characteristics

Initial boiling point and boiling range :	(1013 hPa)	270	°C	
Decomposition temperature :		No data available		
Flash point :	>	100	°C	Brookfield
Explosion hazard :		not explosive		
Vapour pressure :	(50 °C)	No data available		
Density :	(20 °C)	approx.	1,1	g/cm ³
Solvent separation test :	(20 °C)		none	
Flow time :	(20 °C)		not applicable	DIN-cup 4 mm
Maximum VOC content (EC) :		approx.	3,4	Wt %
VOC-value :		<	64	g/l

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

Stable under recommended storage and handling conditions (see section 7).

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

None, if handled according to order.

10.6 Hazardous decomposition products

None, if handled according to order.

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

No data available

Acute oral toxicity

Parameter :	LD50 (TRIMETHOXYVINYLSILANE ; CAS No. : 2768-02-7)
Exposure route :	Oral
Species :	Rat
Effective dose :	8000 mg/kg

Acute dermal toxicity

Parameter :	LD50 (TRIMETHOXYVINYLSILANE ; CAS No. : 2768-02-7)
Exposure route :	Dermal
Species :	Rat
Effective dose :	3540 mg/kg

Acute inhalation toxicity

Parameter :	LC50 (TRIMETHOXYVINYLSILANE ; CAS No. : 2768-02-7)
Exposure route :	Inhalation
Species :	Rat
Effective dose :	16 mg/l
Exposure time :	4 h

Corrosion

No data available

Respiratory or skin sensitisation

This product contains a substance, which can cause allergies. See also chapter 2.

Repeated dose toxicity (subacute, subchronic, chronic)

No data available

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

No data available

Germ cell mutagenicity

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

11.5 Additional information

This product is unlikely to harm health, given normal and proper handling and hygienic precautions. Not an irritant.

SECTION 12: Ecological information

12.1 Toxicity

No information available.

Effects in sewage plants

Technically correct releases of minimal concentrations to adapted biological sewage plants, will not disturb the biodegradability of activated sludge.

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12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

12.7 Additional ecotoxicological information

Additional information

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product/Packaging disposal

Dispose according to legislation. Or deposit together with household garbage after hardening. Handle contaminated packages in the same way as the substance itself.

Waste codes/waste designations according to EWC/AVV

Waste code product

08 04 10

or

17 09 04

Waste name

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

or

mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

Waste code packaging

15 01 02

Waste name

plastic packaging

SECTION 14: Transport information

14.1 UN number

UN 1950

14.2 UN proper shipping name

Land transport (ADR/RID)

AEROSOLS

Sea transport (IMDG)

AEROSOLS

Air transport (ICAO-TI / IATA-DGR)

AEROSOLS

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14.3 Transport hazard class(es)

Land transport (ADR/RID)

Class(es) :	2
Classification code :	5A
Hazard identification number (Kemler No.) :	20
Tunnel restriction code :	E
Special provisions :	LQ 1 · E 0
Hazard label(s) :	2.2

Sea transport (IMDG)

Class(es) :	2.2
EmS-No. :	F-D / S-U
Special provisions :	LQ 1 · E 0
Hazard label(s) :	2.2

Air transport (ICAO-TI / IATA-DGR)

Class(es) :	2.2
Special provisions :	E 0
Hazard label(s) :	2.2

14.4 Packing group

14.5 Environmental hazards

Land transport (ADR/RID) : No
Sea transport (IMDG) : No
Air transport (ICAO-TI / IATA-DGR) : No

14.6 Special precautions for user

None

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

not applicable

SECTION 15: Regulatory information

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

EU legislation

Other regulations (EU)

Labelling for contents according to regulation (EC) No. 648/2004

- this product is not subject to EC Detergent regulation no. 648/2004.

Directive 2004/42/EC on the limitation of emissions of volatile organic compounds

- out of scope

15.2 Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

15.3 Additional information

None

SECTION 16: Other information

16.1 Indication of changes

None

16.2 Abbreviations and acronyms

None

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16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

No information available.

16.5 Relevant H- and EUH-phrases (Number and full text)

H226	Flammable liquid and vapour.
H332	Harmful if inhaled.

16.6 Training advice

None

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.
