



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

### 1.1 Product identifier

Trade name : TE-Füller  
Registration number : 01-2119529246-39-XXXX  
Substance name : aluminium hydroxide  
Substance No. : 244-492-7

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

At present there is no complete information available on identified uses. When the data becomes available, it will be integrated into the safety data sheet.

Product use : Tooling system.

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

Company : Sika Deutschland GmbH  
Kornwestheimer Str. 103-107  
70439 Stuttgart  
Telephone : +4971180090  
E-mail address : EHS@de.sika.com

### 1.4 Emergency telephone number

Emergency telephone number : 0173-6774799 Out of office hours only  
EHS@de.sika.com

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## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

Type of product : Substance

#### Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

#### Classification (67/548/EEC, 1999/45/EC)

Not a hazardous substance or mixture.

### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

### 2.3 Other hazards



This substance is not considered to be very persistent nor very bioaccumulating (vPvB).  
This substance is not considered to be persistent, bioaccumulating nor toxic (PBT).

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### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Chemical Name	CAS-No. EINECS-No. / ELINCS No.	Concentration [%]
Substances with a workplace exposure limit :		
aluminium hydroxide	21645-51-2 244-492-7 01-2119529246-39-XXXX	>= 50 - <= 100

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### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- General advice : No hazards which require special first aid measures.
- If inhaled : Move to fresh air.
- In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.
- In case of eye contact : Flush eyes with water as a precaution.  
Remove contact lenses.  
Keep eye wide open while rinsing.
- If swallowed : Do not induce vomiting without medical advice.  
Rinse mouth with water.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.

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

- Symptoms : See Section 11 for more detailed information on health effects and symptoms.
- Risks : No known significant effects or hazards.

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

- Treatment : Treat symptomatically.

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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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



Hazardous combustion products : No hazardous combustion products are known

### 5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Standard procedure for chemical fires.

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## SECTION 6: Accidental release measures

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

Personal precautions : Avoid breathing dust.

### 6.2 Environmental precautions

Environmental precautions : No special environmental precautions required.

### 6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

For personal protection see section 8.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8. No special handling advice required. Follow standard hygiene measures when handling chemical products

Advice on protection against fire and explosion : Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.

Hygiene measures : When using do not eat or drink. When using do not smoke.

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

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place. Store in accordance with local regulations.

Advice on common storage : No special restrictions on storage with other products.

Other data : Keep in a dry place. No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)



Specific use(s) : No data available

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

**Components with workplace control parameters**

Components	CAS-No.	Value	Control parameters *	Basis *
aluminium hydroxide	21645-51-2	AGW	10 mg/m3	DE TRGS 900
		AGW	3 mg/m3	DE TRGS 900

\*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

**8.2 Exposure controls**

**Personal protective equipment**

- Eye protection : Safety glasses
  
- Hand protection : Chemical-resistant, impervious gloves complying with an approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer specifications.
  
- Skin and body protection : Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing and stirring work.
  
- Respiratory protection : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.  
 particulate filter P  
 P1: Inert material; P2: Xn; P3: T, T+  
 Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Methods for determining inhalation exposure). This applies in particular to the mixing / stirring area. In case this is not sufficient to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.



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**Environmental exposure controls**

General advice : No special environmental precautions required.

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**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

Appearance : powder  
Colour : white  
Odour : odourless  
Odour Threshold : No data available  
Flash point : Note: not applicable  
Ignition temperature : No data available  
Lower explosion limit (Vol%) : No data available  
Upper explosion limit (Vol%) : No data available  
Flammability (solid, gas) : No data available  
Oxidizing properties : No data available  
Auto-ignition temperature : No data available  
pH : No data available  
Melting point/range : > 200 °C  
Boiling point/boiling range : ca. 2.980 °C  
Vapour pressure : No data available  
Density : ca.2,4 g/cm<sup>3</sup>  
at 20 °C  
Bulk density : ca.800 - 1.200 kg/m<sup>3</sup>  
Water solubility : Note: insoluble  
Partition coefficient: n-  
octanol/water : No data available  
Viscosity, dynamic : No data available  
Viscosity, kinematic : Note: not applicable  
Relative vapour density : No data available  
Evaporation rate : No data available



**9.2 Other information**

No data available

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**SECTION 10: Stability and reactivity**

**10.1 Reactivity**

No dangerous reaction known under conditions of normal use.

**10.2 Chemical stability**

The product is chemically stable.

**10.3 Possibility of hazardous reactions**

Hazardous reactions : No hazards to be specially mentioned.

**10.4 Conditions to avoid**

Conditions to avoid : No data available

**10.5 Incompatible materials**

Materials to avoid : No data available

**10.6 Hazardous decomposition products**

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**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

**Acute toxicity**

No data available

**Skin corrosion/irritation**

**Product**

No data available

**Serious eye damage/eye irritation**

**Product**

No data available

**Respiratory or skin sensitisation**

**Product**

No data available

**Germ cell mutagenicity**

**Product**



Mutagenicity : No data available

**Carcinogenicity**

**Product**

Carcinogenicity : No data available

**Reproductive Toxicity/Fertility**

Reproductive toxicity : No data available

No data available

**Reproductive Toxicity/Development/Teratogenicity**

Teratogenicity : No data available

No data available

**STOT - single exposure**

No data available

**STOT - repeated exposure**

No data available

**Aspiration toxicity**

No data available

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**SECTION 12: Ecological information**

**12.1 Toxicity**

No data available

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

**Product:**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**12.6 Other adverse effects**



No data available

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : In accordance with the EWC Waste Regulation the classification of waste is to be assigned to the jurisdiction of the origin of waste. Therefore, it is not possible to assign a particular waste identification number.  
Completely emptied packagings may be given for recycling. Empty packaging may still contain hazardous residues. Empty packaging should be removed by a licensed waste contractor. Sika has agreed disposal contracts for all packaging which is brought into circulation in Germany.  
For further details see [www.sika.de](http://www.sika.de)

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## SECTION 14: Transport information

### ADR

Not dangerous goods

### IATA

Not dangerous goods

### IMDG

Not dangerous goods

### 14.6 Special precautions for user

No data available

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

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## SECTION 15: Regulatory information

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

#### Labelling according to EC Directives (1999/45/EC)

Further information : The product does not need to be labelled in accordance with EC directives or respective national laws.

#### Prohibition/Restriction

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : not applicable

REACH - Candidate List of Substances of Very High : None of the components are listed



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
**TE-Füller**



Revision Date 22.01.2015

Version 3.0

Print Date 22.01.2015

Concern for Authorisation (Article 59). (=> 0.1 %).

REACH - List of substances subject to authorisation (Annex XIV) : not applicable

REACH Information: All substances contained in our Products are  
- preregistered or registered by our upstream suppliers, and/or  
- preregistered or registered by us, and/or  
- excluded from the regulation, and/or  
- exempted from the registration.

Water contaminating class (Germany) : nwg not water endangering  
Classification according to appendix 3  
Gemäß VwVws vom 30.Juli 2005  
: nwg not water endangering  
KBwS-Decision  
In the composition as reported by Alusuisse Martinswerk  
GmbH on 27 September 2000  
Gemäß VwVws vom 30.Juli 2005

VOC-CH (VOCV) : no VOC duties

### 15.2 Chemical Safety Assessment

This product contains substances for which Chemical Safety Assessments are still required.

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### SECTION 16: Other information

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

|| Changes as compared to previous version !