

**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
**SYNTEKO® FAST FILLER**



A SIKA BRAND

Revision Date 07.12.2016

Version 1.0

Print Date 07.12.2016

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

**1.1 Product identifier**

Trade name : SYNTEKO® FAST FILLER

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

Product use : Special coating

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

Company name of supplier : Sika Estonia  
Valge 13 , 11415 Tallinn  
Estonia  
Telephone : +372 605 4000  
Telefax : -  
E-mail address of person : info@ee.sika.com  
responsible for the SDS

**1.4 Emergency telephone number**

Poison centre: +372 6269390, direct number 16662  
Emergency telephone number: 112

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

Type of product : Mixture

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

Flammable liquids, Category 2	H225: Highly flammable liquid and vapour.
Serious eye damage, Category 1	H318: Causes serious eye damage.
Specific target organ toxicity - single exposure, Category 3, Central nervous system	H336: May cause drowsiness or dizziness.

**2.2 Label elements**

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

Hazard pictograms :   

Signal word : Danger

Hazard statements	: H225	Highly flammable liquid and vapour.
	: H318	Causes serious eye damage.
	: H336	May cause drowsiness or dizziness.

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Supplemental Hazard Statements	: EUH066	Repeated exposure may cause skin dryness or cracking.
Precautionary statements	: <b>Prevention:</b>	
	P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
	P233	Keep container tightly closed.
	P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
	P280	Wear protective gloves/ eye protection/ face protection.
	<b>Response:</b>	
	P305 + P351 + P338 + P310	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
	P370 + P378	In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Hazardous components which must be listed on the label:

- 200-662-2 acetone
- 201-148-0 2-methylpropan-1-ol

**2.3 Other hazards**

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.

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

**3.2 Mixtures**

**Hazardous components**

Chemical name CAS-No. EC-No. Registration number	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
acetone 67-64-1 200-662-2 01-2119471330-49-XXXX	Flam. Liq.2; H225 Eye Irrit.2; H319 STOT SE3; H336	>= 50 - <= 100
isopropanol 67-63-0 200-661-7 01-2119457558-25-XXXX	Flam. Liq.2; H225 Eye Irrit.2; H319 STOT SE3; H336	>= 5 - < 10
2-methylpropan-1-ol 78-83-1 201-148-0 01-2119484609-23-XXXX	Flam. Liq.3; H226 STOT SE3; H335, H336 Skin Irrit.2; H315	>= 5 - < 10

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	Eye Dam.1; H318	
Substances with a workplace exposure limit :		
1-methoxy-2-propanol 107-98-2 203-539-1 01-2119457435-35-XXXX	Flam. Liq.3; H226 STOT SE3; H336	>= 5 - < 10

For the full text of the H-Statements mentioned in this Section, see Section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- General advice : Move out of dangerous area.  
Consult a physician.  
Show this safety data sheet to the doctor in attendance.
- If inhaled : Move to fresh air.  
Consult a physician after significant exposure.
- In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.  
If symptoms persist, call a physician.
- In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.  
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
Continue rinsing eyes during transport to hospital.  
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 : Excessive lachrymation  
Erythema  
Loss of balance  
Vertigo  
See Section 11 for more detailed information on health effects and symptoms.
- Risks : No known significant effects or hazards.  
  
Causes serious eye damage.  
May cause drowsiness or dizziness.  
Repeated exposure may cause skin dryness or cracking.

#### 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 : Alcohol-resistant foam, Carbon dioxide (CO<sub>2</sub>), Dry chemical

Unsuitable extinguishing media : Water

#### 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 : Use water spray to cool unopened containers.

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### SECTION 6: Accidental release measures

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

Personal precautions : Use personal protective equipment.  
Remove all sources of ignition.  
Deny access to unprotected persons.

Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

#### 6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.  
If the product contaminates rivers and lakes or drains inform respective authorities.

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

Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

#### 6.4 Reference to other sections

For personal protection see section 8.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

- Advice on safe handling : Do not breathe vapours or spray mist. Avoid exceeding the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Take precautionary measures against static discharge. Open drum carefully as content may be under pressure. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Follow standard hygiene measures when handling chemical products
- Advice on protection against fire and explosion : Use explosion-proof equipment. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Take precautionary measures against electrostatic discharges.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

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

- Requirements for storage areas and containers : Store in cool place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in accordance with local regulations.
- Other data : 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 *
acetone	67-64-1	TWA	500 ppm 1.200 mg/m <sup>3</sup>	CH SUVA
		STEL	1.000 ppm 2.400 mg/m <sup>3</sup>	CH SUVA
1-methoxy-2-propanol	107-98-2	STEL	200 ppm 720 mg/m <sup>3</sup>	CH SUVA
		TWA	100 ppm 360 mg/m <sup>3</sup>	CH SUVA

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isopropanol	67-63-0	TWA	200 ppm 500 mg/m <sup>3</sup>	CH SUVA
		STEL	400 ppm 1.000 mg/m <sup>3</sup>	CH SUVA
2-methylpropan-1-ol	78-83-1	TWA	50 ppm 150 mg/m <sup>3</sup>	CH SUVA
		STEL	50 ppm 150 mg/m <sup>3</sup>	CH SUVA

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

**Biological occupational exposure limits**

Substance name	CAS-No.	Control parameters	Sampling time	Basis
acetone	67-64-1	Acetone: 80 mg/l (Urine)	Immediately after exposition or after working hours	CH BAT
		Acetone: 1.38mmol/l (Urine)	Immediately after exposition or after working hours	CH BAT
1-methoxy-2-propanol	107-98-2	1-methoxypropanol- 2: 20 mg/l (Urine)	Immediately after exposition or after working hours	CH BAT
		1-methoxypropanol- 2: 221.9micromol per litre (Urine)	Immediately after exposition or after working hours	CH BAT
isopropanol	67-63-0	Acetone: 25 mg/l (Urine)	Immediately after exposition or after working hours	CH BAT
		Acetone: 25 mg/l (Blood)	Immediately after exposition or after working hours	CH BAT
		Acetone: 0.4mmol/l (Urine)	Immediately after exposition or after working hours	CH BAT
		Acetone: 0.4mmol/l (Blood)	Immediately after exposition or after working hours	CH BAT

**8.2 Exposure controls**

**Personal protective equipment**

Eye protection : Safety glasses with side-shields conforming to EN166  
 Eye wash bottle with pure water

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.

Suitable for short time use or protection against splashes:  
Butyl rubber/nitrile rubber gloves (0,4 mm),  
Contaminated gloves should be removed.  
Suitable for permanent exposure:  
Viton gloves (0.4 mm),  
breakthrough time >30 min.

- 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.  
organic vapor filter (Type A)  
A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm  
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.

#### **Environmental exposure controls**

- General advice** : Prevent product from entering drains.  
If the product contaminates rivers and lakes or drains inform respective authorities.

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## **SECTION 9: Physical and chemical properties**

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

- Appearance : liquid
- Colour : colourless
- Odour : characteristic
- Odour Threshold : No data available
- Flash point : 4 °C
- Autoignition temperature : 270 °C
- Decomposition temperature : No data available

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Lower explosion limit	:	1 %(V)
Upper explosion limit	:	14,3 %(V)
Flammability	:	No data available
Explosive properties	:	No data available
Oxidizing properties	:	No data available
pH	:	Not applicable
Melting point/range / Freezing point	:	No data available
Boiling point/boiling range	:	No data available
Vapour pressure	:	240 hPa at 20 °C
Density	:	ca.0,84 g/cm <sup>3</sup> at 20 °C
Water solubility	:	partly soluble
Partition coefficient: n-octanol/water	:	No data available
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	> 20,5 mm <sup>2</sup> /s at 40 °C
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 : Stable under recommended storage conditions.

Vapours may form explosive mixture with air.



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#### 10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

#### 10.5 Incompatible materials

Materials to avoid : No data available

#### 10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

##### Acute toxicity

Not classified based on available information.

##### Components:

##### acetone:

Acute oral toxicity : LD50 Oral (Rat): 5.800 mg/kg

Acute inhalation toxicity : LC50 (Rat): 76 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour

Acute dermal toxicity : LD50 Dermal (Rabbit): 20.000 mg/kg

##### 1-methoxy-2-propanol:

Acute oral toxicity : LD50 Oral (Rat): > 5.000 mg/kg

Acute inhalation toxicity : LC50: 7,5 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist

Acute dermal toxicity : LD50 Dermal (Rabbit): > 5.000 mg/kg

##### Skin corrosion/irritation

Repeated exposure may cause skin dryness or cracking.

##### Serious eye damage/eye irritation

Causes serious eye damage.

##### Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

##### Germ cell mutagenicity

Not classified based on available information.

##### Carcinogenicity

Not classified based on available information.

##### Reproductive toxicity

Not classified based on available information.

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**STOT - single exposure**

May cause drowsiness or dizziness.

**STOT - repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

Not classified based on available information.

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**SECTION 12: Ecological information**

**12.1 Toxicity**

**Components:**

**acetone :**

- Toxicity to fish : LC50: > 5.000 mg/l, 96 h, Fish
- Toxicity to daphnia and other aquatic invertebrates : EC50: 12,700 mg/l, 48 h, Daphnia (water flea)
- Toxicity to algae : ErC50: > 530 mg/l, 96 h, Pseudokirchneriella subcapitata (green algae)

**1-methoxy-2-propanol :**

- Toxicity to fish : LC50: > 100 mg/l, 96 h, Fish
- Toxicity to daphnia and other aquatic invertebrates : EC50: > 100 mg/l, 48 h, Daphnia (water flea)

**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**

**Product:**

- Additional ecological information : There is no data available for this product.

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

- Product : The generation of waste should be avoided or minimized wherever possible.  
Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way.  
Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.  
Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.  
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- Waste code Switzerland VeVA/LVA : 08 01 11: -
- Contaminated packaging : 15 01 10 [S] packaging containing residues of or contaminated by dangerous substances

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## SECTION 14: Transport information

### ADR

- 14.1 UN number : 1263  
14.2 Description of the goods : PAINT  
14.3 Class : 3  
14.4 Packing group : III  
Classification Code : F1  
Labels : 3  
Tunnel restriction code : (D/E)  
14.5 Environmentally hazardous : no

### IATA

- 14.1 UN number : 1263  
14.2 Description of the goods : Paint  
14.3 Class : 3  
14.4 Packing group : III  
Labels : 3  
14.5 Environmentally hazardous : no

### IMDG

- 14.1 UN number : 1263  
14.2 Description of the goods : PAINT

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**14.3 Class** : 3  
**14.4 Packing group** : III  
Labels : 3  
EmS Number 1 : F-E  
EmS Number 2 : S-E  
**14.5 Marine pollutant** : no

**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

#### 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 Concern for Authorisation (Article 59). : None of the components are listed (=> 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.

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

		Quantity 1	Quantity 2
P5c	FLAMMABLE LIQUIDS	5.000 t	50.000 t

Water contaminating class (Germany) : WGK 1 slightly water endangering

VOC-CH (VOCV) : 90 %

VOC-EU (solvent) : 90 %

Other regulations : Youth Employment Protection Regulation (ArGV 5, SR 822 115): Adolescents up to completion of their 18th year are only allowed to come in contact or get exposed to this product at their place of work if the Federal Office for Professional Education and Technology (BBT) or the State Secretariat for Economic Affairs (SECO ) has granted an exemption.

## 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

### Full text of H-Statements

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.

### Full text of other abbreviations

Eye Dam.	Serious eye damage
Eye Irrit.	Eye irritation
Flam. Liq.	Flammable liquids
Skin Irrit.	Skin irritation
STOT SE	Specific target organ toxicity - single exposure
ADR	Accord européen relatif au transport international des marchandises Dangereuses par Route
CAS	Chemical Abstracts Service
DNEL	Derived no-effect level
EC50	Half maximal effective concentration
GHS	Globally Harmonized System
IATA	International Air Transport Association
IMDG	International Maritime Code for Dangerous Goods
LD50	Median lethal dose (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)
LC50	Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)
MARPOL	International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978
OEL	Occupational Exposure Limit
PBT	Persistent, bioaccumulative and toxic
PNEC	Predicted no effect concentration
REACH	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency
SVHC	Substances of Very High Concern
vPvB	Very persistent and very bioaccumulative

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.

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|| Changes as compared to previous version !