



DRAWIN

# Safety Data Sheet

Material: 60116025

ELASTOSIL® FX FAST

Version: 1.4 (INTL-GHS)

Date of print: 16.07.2021

Date of last alteration: 20.11.2019

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

### 1.1 Product identifier

Commercial product name: ELASTOSIL® FX FAST

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

Use of substance / preparation:

Industrial.

Catalysts

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

Manufacturer/distributor:

DRAWIN Vertriebs-GmbH

Street/POB-No.:

Rudolf-Diesel-Straße 15

State/postal code/city:

D 85521 Riemerling

Telephone:

+49 89 60869-0

Telefax:

+49 89 60869-250

Information about the Safety Data Sheet:

Telephone

+49 8677 83-4888

Telefax

+49 8677 886-9722

eMail

WLCP-MSDS@wacker.com

### 1.4 Emergency telephone number

Emergency Information:

Europe

+44 1235 239670

Emergency Information:

Africa and the Middle East

+44 1235 239671

Emergency Information:

Caribbean, Central America and South

+1 646 844 7309

America except Chile and Colombia

Emergency Information:

Pakistan

+65 3158 1329

Emergency Information:

Bangladesh

+65 3158 1200

Emergency Information:

East Asia and Southeast Asia except

+65 3158 1074

Sri Lanka, Bangladesh and Pakistan

Emergency Information:

Sri Lanka

+65 3158 1195

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

### 2.2 Label elements

No labeling according to GHS required.

### 2.3 Other hazards

During drying of the material auto ignition is possible.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

not applicable

### 3.2 Mixtures

#### 3.2.1 Chemical characteristics

platinum compound + Polydimethylsiloxane

#### 3.2.2 Hazardous ingredients

This material does not contain any ingredients above the permitted limit(s).

This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57) in amounts above  $\geq 0.1\%$ .



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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**General information:**

In case of accident or if you feel unwell seek medical advice (show label or SDS where possible).

**After contact with the eyes:**

Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation.

**After contact with the skin:**

Wash with plenty of water or water and soap. In the event of a visible skin change or other complaints, seek medical advice (show label or SDS where possible).

**After inhalation:**

Provide fresh air.

**After swallowing:**

Give several small portions of water to drink. Do not induce vomiting.

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

Any relevant information can be found in other parts of this section.

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

Further toxicology information in section 11 must be observed.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing media:**

water spray , extinguishing powder , foam , carbon dioxide .

**Extinguishing media which must not be used for safety reasons:**

water jet .

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

no data available

### 5.3 Advice for firefighters

**Special protective equipment for fire fighting:**

Use respiratory protection independent of recirculated air.

## SECTION 6: Accidental release measures

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

Wear personal protection equipment (see section 8). Avoid contact with eyes and skin.

### 6.2 Environmental precautions

Prevent material from entering sewers or surface waters.

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

Take up mechanically and dispose of according to local/state/federal regulations. Absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/state/federal regulations.

### 6.4 Reference to other sections

Relevant information in other sections has to be considered. This applies in particular for information given on personal protective equipment (section 8) and on disposal (section 13).



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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

**Precautions for safe handling:**

Spilled substance increases risk of slipping. Keep container closed when not in use. Do not allow product to dry out.

**Precautions against fire and explosion:**

No special precautions against fire and explosion required.

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

**Conditions for storage rooms and vessels:**

none known

**Advice for storage of incompatible materials:**

not applicable

**Further information for storage:**

Keep container tightly closed.

**Maximum temperature allowed during storage and transportation:** 40 °C

### 7.3 Specific end use(s)

No data available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

**Maximum airborne concentrations at the workplace:**

CAS No.	Substance	Type	mg/m <sup>3</sup>	ppm	Dust fract.	Fibre/m <sup>3</sup>
	Aerosol - inhalable fraction		10,0			

The aerosol limit specified is a recommendation should aerosol be formed during processing.

### 8.2 Exposure controls

#### 8.2.1 Exposure in the work place limited and controlled

**General protection and hygiene measures:**

Do not eat, drink or smoke when handling. Avoid contact with eyes and skin. Wash hands at the end of work and before eating.

**Personal protection equipment:**

**Respiratory protection**

If inhalative exposure above the occupational exposure limit cannot be excluded, adequate respiratory protection equipment must be used. Suitable respiratory equipment: Respirator with a full face mask, according to acknowledged standards such as EN 136. Recommended Filter type: Gas filter type ABEK (certain inorganic, organic and acidic gases and vapors; ammonia/amines), according to acknowledged standards such as EN 14387

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit. Suitable respiratory equipment: Respirator with a full face mask, according to acknowledged standards such as EN 136.

Recommended Filter type: Combined filter type ABEK-P2 (certain inorganic, organic and acidic gases and vapors; ammonia/amines; particles), according to acknowledged standards such as EN 14387

Observe the equipment manufacturer's information and wear time limits for respirators.

**Eye protection**

protective goggles .

**Hand protection**

Gloves are required at all times when handling the material.

Recommended glove types: Protective gloves made of nitrile rubber thickness of the material: > 0,4 mm



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Breakthrough time: &gt; 480 min

Recommended glove types: Protective gloves made of butyl rubber  
thickness of the material: > 0,3 mm

Breakthrough time: &gt; 480 min

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Note that, due to the numerous external influences (such as temperature), a chemically resistant protective glove in daily use may have a service life that is considerably shorter than the measured break through time.

**Skin protection**

protective clothing . After handling make sure skin is cleansed and protected.

**8.2.2 Exposure to the environment limited and controlled**

Prevent material from entering surface waters and soil. Do not introduce large amounts into purification plants.

**8.3 Further information for system design and engineering measures**

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**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Property:	Value:	Method:
<b>Appearance</b>		
Physical state .....	liquid	
Colour.....	yellowish	
<b>Odour</b>		
Odour .....	faint	
<b>Odour limit</b>		
Odour limit.....	no data available	
<b>pH-Value</b>		
pH-Value .....	not applicable	
<b>Melting point/freezing point</b>		
Melting point / melting range .....	not applicable	
<b>Initial boiling point and boiling range</b>		
Boiling point / boiling range .....	not applicable	
<b>Flash point</b>		
Flash point.....	62 °C	(ISO 2719)
Sustained combustibility .....	90 °C	(ASTM D4206)
<b>Evaporation rate</b>		
Evaporation rate .....	no data available	
<b>Upper/lower flammability or explosive limits</b>		
Lower explosion limit (LEL) .....	not determined	
Upper explosion limit (UEL).....	not determined	
<b>Vapour pressure</b>		
Vapour pressure.....	not determined	
<b>Solubility(ies)</b>		
Water solubility / miscibility.....	virtually insoluble	
<b>Vapour density</b>		
Relative gas/vapour density .....	No data known.	
<b>Relative Density</b>		
Relative Density .....	0,98 (20 °C)	(DIN 51757)
	(Water / 4 °C = 1,00)	
Density .....	0,98 g/cm <sup>3</sup> (20 °C)	(DIN 51757)
<b>Partition coefficient: n-octanol/water</b>		
Partition coefficient: n-octanol/water.....	No data known.	
<b>Auto-ignition temperature</b>		
Ignition temperature .....	400 °C	(DIN 51794)



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### Viscosity

Viscosity (dynamic) .....: ca. 800 mPa.s

### Molecular mass

Molecular mass .....: not applicable

### 9.2 Other information

No data available.

## SECTION 10: Stability and reactivity

### 10.1 – 10.3 Reactivity; Chemical stability; Possibility of hazardous reactions

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

Relevant information can possibly be found in other parts of this section.

### 10.4 Conditions to avoid

Observe information in section 7.

### 10.5 Incompatible materials

none known

### 10.6 Hazardous decomposition products

If stored and handled properly: none known . Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302 °F) through oxidation.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### 11.1.1 Acute toxicity

##### Assessment:

Based on the available data acute toxic effects are not expected after single oral exposure.

##### Product details:

Route of exposure	Result/Effect	Species/Test system	Source
Oral	LD50: > 5000 mg/kg	Rat	test report

#### 11.1.2 Skin corrosion/irritation

##### Assessment:

Based on the available data a clinically relevant skin irritation hazard is not expected.

##### Product details:

Result/Effect	Species/Test system	Source
not irritating	Rabbit	test report

#### 11.1.3 Serious eye damage / eye irritation

##### Assessment:

Based on the available data a clinically relevant eye irritation hazard is not expected.

##### Product details:

Result/Effect	Species/Test system	Source
not irritating	Rabbit	test report

#### 11.1.4 Respiratory or skin sensitization

##### Assessment:

In humans the sensitizing potential that was found in animals was not confirmed. For susceptible persons a sensitization reaction



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cannot completely ruled out.

**Product details:**

Route of exposure	Result/Effect	Species/Test system	Source
dermal	not sensitizing	Voluntary persons; Human skin patch test	test report
dermal	sensitizing	Guinea pig; Maximisation Test	test report OECD 406

**11.1.5 Germ cell mutagenicity**

**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

**11.1.6 Carcinogenicity**

**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

**11.1.7 Reproductive toxicity**

**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

**11.1.8 Specific target organ toxicity (single exposure)**

**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

**11.1.9 Specific target organ toxicity (repeated exposure)**

**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

**11.1.10 Aspiration hazard**

**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

## SECTION 12: Ecological information

**12.1 Toxicity**

**Assessment:**

No data known.

**12.2 Persistence and degradability**

**Assessment:**

Silicone content: biologically not degradable. Elimination by adsorption to activated sludge.

**12.3 Bioaccumulative potential**

**Assessment:**

Bioaccumulation is not expected to occur.

**12.4 Mobility in soil**

**Assessment:**

No data known.

**12.5 Results of PBT and vPvB assessment**

No data available.



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### 12.6 Other adverse effects

none known

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### 13.1.1 Material

Recommendation:

Dispose of according to regulations by incineration in a special waste incinerator. Small quantities may be disposed of by incineration in an approved facility. Observe local/state/federal regulations.

#### 13.1.2 Uncleaned packaging

Recommendation:

Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations.

## SECTION 14: Transport information

### 14.1 – 14.4 UN number; UN proper shipping name; Transport hazard class(es); Packing group

**Road ADR:**

Valuation .....: Not regulated for transport

**Railway RID:**

Valuation .....: Not regulated for transport

**Transport by sea IMDG-Code:**

Valuation .....: Not regulated for transport

**Air transport ICAO-TI/IATA-DGR:**

Valuation .....: Not regulated for transport

### 14.5 Environmental hazards

Hazardous to the environment: no

### 14.6 Special precautions for user

Relevant information in other sections has to be considered.

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

Bulk transport in tankers is not intended.

## SECTION 15: Regulatory information

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

National and local regulations must be observed.

For information on labelling please refer to section 2 of this document.

### 15.2 Details of international registration status

Relevant information about individual substance inventories, where available, is given below.

Japan ..... : **ENCS** (Handbook of Existing and New Chemical Substances):  
This product is listed in, or complies with, the substance inventory.

Australia ..... : **AICS** (Australian Inventory of Chemical Substances):  
This product is listed in, or complies with, the substance inventory.

China..... : **IECSC** (Inventory of Existing Chemical Substances in China):  
This product is listed in, or complies with, the substance inventory.

Canada ..... : **DSL** (Domestic Substance List):  
This product is listed in, or complies with, the substance inventory.



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- Philippines..... : **PICCS** (Philippine Inventory of Chemicals and Chemical Substances):  
This product is listed in, or complies with, the substance inventory.
- United States of America (USA)..... : **TSCA** (Toxic Substance Control Act Chemical Substance Inventory):  
All components of this product are listed as active or are in compliance with the substance inventory.
- Taiwan ..... : **TCSI** (Taiwan Chemical Substance Inventory):  
This product is listed in, or complies with, the substance inventory. General note: The Taiwanese chemicals regulation requires a phase 1 registration for TCSI-listed or TCSI-compliant substances if imports to Taiwan or manufacturing in Taiwan exceed the trigger quantity of 100 kg/a (for mixtures to be calculated per each ingredient). It is the duty of the importing/manufacturing legal entity to take care of this obligation.
- European Economic Area (EEA)..... : **REACH** (Regulation (EC) No 1907/2006):  
General note: the registration obligations for substances imported into the EEA or manufactured within the EEA by the supplier mentioned in section 1 are fulfilled by the said supplier. The registration obligations for substances imported into the EEA by customers or other downstream users must be fulfilled by the latter.
- South Korea (Republic of Korea) ..... : **AREC** (Act on Registration and Evaluation of Chemicals; "K-REACH"):  
General note: in case of registration obligations for substances or polymers imported into Korea or manufactured within Korea these are fulfilled by the supplier mentioned in section 1. The registration obligations for substances or polymers imported into Korea by customers or other downstream users must be fulfilled by the latter.

**SECTION 16: Other information****16.1 Material**

The details in this document are based on the state of our knowledge at the time of revision. They do not constitute an assurance of the described product properties in terms of statutory warranty requirements.

The providing of this document to a recipient does not relieve the recipient of his or her responsibility toward compliance with all laws and stipulations applicable to the product. This applies in particular to the further sale or distribution of the product or substances or items containing the product, in other jurisdictions and with regard to the protection of third-party intellectual property rights. If the described product is processed or mixed with other substances or materials, the details stated in this document cannot be conferred to the resultant new product unless this has been expressly mentioned. If the product is repackaged, the recipient is obligated to additionally provide the required safety-related information.

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**16.2 Further information:**

Commas appearing in numerical data denote a decimal point. Vertical lines in the left-hand margin indicate changes compared with the previous version. This version supersedes all previous versions.

- End of Safety Data Sheet -