

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Description:** Impression material, A-Zoft (base)**Doc no.:** 782-50-15X-0X A**Category:** P**Part no.:** 782-50-150-04/782-50-151-05/782-50-152-00**Trade Name:** A-zoft, base**1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

**Application of the substance / the mixture** Manufacture of ear imprint**1.3 Details of the manufacturer and the supplier of the raw material****Manufacturer:**

Detax GmbH and Co. KG

Postfach 100225

Carl-Zeiss-Strasse 4

D-76256 Ettlingen

Germany

**Supplier:**

Detax GmbH and Co. KG

Postfach 100225

Carl-Zeiss-Strasse 4

D-76256 Ettlingen

Germany

**1.4 Safety data sheet prepared by:**

DGS Denmark A/S

PQV Materials &amp; Chemicals

Kongebakken 9

2765 SMØRUM

DENMARK

**Further information obtainable from:** chemistry@dgs.com**Contact:** Jakob Suhr Nielsen**Creation date:** 14-08-2008**1.5 Emergency telephone number:** Use your national or local emergency number**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

The product is not classified according to the CLP regulation.

**2.2 Label elements****Labelling according to Regulation (EC) No 1272/2008** Void**Hazard pictograms** Void**Signal word** Void**Hazard statements** Void**2.3 Other hazards****Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients****3.1 Substance/Mixture****Description:** Mixture of substances listed below with nonhazardous additions.

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# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 01.06.2017

Version number 5

Revision: 01.06.2017

## Description: Impression material, A-Zoft (base)

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### Dangerous components:

CAS: 14464-46-1 EINECS: 238-455-4	crystalite	☠ STOT RE 1, H372	10-25%
CAS: 8042-47-5 EINECS: 232-455-8	White mineral oil (petroleum)	☠ Asp. Tox. 1, H304	10-25%

### Substances not classified as hazardous

CAS: 9005-25-8 EINECS: 232-679-6	Starch	25-50%
CAS: 680831-92-2	$\alpha$ , $\omega$ -Divinyl-polydimethylsiloxane	10-25%
CAS: 63148-62-9	$\alpha$ , $\omega$ -Dimethyl-Polydimethylsiloxane	2.5-10%
CAS: 8009-03-8 EINECS: 232-373-2 Index number: 649-254-00-X	Petrolatum	1-2.5%
CAS: 68037-59-2	Siloxanes and silicones, di-Me, Me hydrogen	1-2.5%
CAS: 1333-88-6	Cobalt-Aluminium-oxide	< 1%

**Additional information:** For the wording of the listed hazard phrases refer to section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information:

No special measures required.

Contact a physician if symptoms persist or if there is doubt about the injured person's condition. Do not give an unconscious person water.

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

#### After skin contact:

Immediately rinse with water.

If skin irritation continues, consult a doctor.

**After eye contact:** Seek medical treatment.

#### After swallowing:

Rinse out mouth and then drink plenty of water.

If symptoms persist consult doctor.

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

No further relevant information available.

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

Treat symptomatically

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.

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

In case of fire, the following can be released:

May form flammable/explosive vapour-air upon mixture.

Carbon monoxide (CO)

### 5.3 Advice for firefighters

**Protective equipment:** Wear self-contained respiratory protective device.

#### Additional information

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

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**Description: Impression material, A-Zoft (base)**

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\* **SECTION 6: Accidental release measures**

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

Ensure adequate ventilation  
Keep away from ignition sources.

**6.2 Environmental precautions:** No special measures required.

**6.3 Methods and material for containment and cleaning up:**

Dispose of the material collected according to regulations.

**6.4 Reference to other sections**

See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

\* **SECTION 7: Handling and storage**

**7.1 Precautions for safe handling**

Avoid skin and eye contact.  
No special measures required.

**Information about fire - and explosion protection:** No special measures required.

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

**Storage:**

**Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.

**Information about storage in one common storage facility:**

Do not store with acids, lyes, alcohols, metallic powders and metallic oxides (release of hydrogen is favored).

**Further information about storage conditions:**

Store in a cool place.  
Store in dry conditions.

**Storage class:** 11

**Container material:** Plastic

**Storage temperature:** Room temperature, 18 to 23 °C

**Heating to room temperature before use:** Yes

**Durability group:** C

**Durability in a closed container:** 24 Months

**Minimum residual shelf life for the purpose of shipping:** 6 Months

**7.3 Specific end use(s)** No further relevant information available.

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

**Additional information about design of technical facilities:**

Instructions in a local workplace instruction concerning technical safety precautions and personal protective equipment must always be followed. Contact the supervisor regarding the choice of gloves.

**8.1 Control parameters**

**Ingredients with limit values that require monitoring at the workplace:**

**14464-46-1 cristobalite**

GV (Denmark)	Long-term value: 0.15* 0.05** mg/m <sup>3</sup> *total; **respirabel:K
NDS (Poland)	Long-term value: 2.0* 0.3** mg/m <sup>3</sup> *pyl calkowity; **pyl respirabilny

**8042-47-5 White mineral oil (petroleum)**

OEL (Denmark)	Short-term value: 2 mg/m <sup>3</sup> Long-term value: 1 mg/m <sup>3</sup>
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**Description: Impression material, A-Zoft (base)**

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**Additional information:** Based on the lists that were valid at the time of creation.

### 8.2 Exposure controls

**Personal protective equipment:**

**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

**Respiratory protection:** Not required.

**Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:** Not required.

**Body protection:** Protective work clothing

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**General Information**

**Appearance:**

<b>Form:</b>	Pasty
<b>Colour:</b>	Blue
<b>Odour:</b>	Mild
<b>Odour threshold:</b>	Not determined.

**pH-value:** Not applicable.

**Change in condition**

<b>Melting point/freezing point:</b>	Undetermined.
<b>Initial boiling point and boiling range:</b>	Undetermined.

**Flash point:** >100 °C (DIN 51755)

**Flammability (solid, gas):** Not determined.

**Ignition temperature:** >400 °C (DIN 51794)

**Decomposition temperature:** >180 °C

**Auto-ignition temperature:** Product is not selfigniting.

**Explosive properties:** Product does not present an explosion hazard.

**Explosion limits:**

<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.

**Vapour pressure at 20 °C:** <10 hPa

**Density at 20 °C:** 1.23 g/cm<sup>3</sup> (DIN 51757)

**Relative density** Not determined.

**Vapour density** Not applicable.

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**Description: Impression material, A-Zoft (base)**

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<b>Evaporation rate</b>	Not applicable.
<b>Solubility in / Miscibility with water:</b>	Insoluble.
<b>Partition coefficient: n-octanol/water:</b>	Not determined.
<b>Viscosity:</b>	
<b>Dynamic at 20 °C:</b>	1,200,000 mPas (Brookfield)
<b>Kinematic:</b>	Not applicable.
<b>Solvent content:</b>	
<b>Organic solvents:</b>	0.0 %
<b>VOC (EC)</b>	0.00 %
<b>Solids content:</b>	100.0 %
<b>9.2 Other information</b>	No further relevant information available.

**SECTION 10: Stability and reactivity**

**10.1 Reactivity** No further relevant information available.

**10.2 Chemical stability**

**Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according to specifications.

**10.3 Possibility of hazardous reactions** No dangerous reactions known.

**10.4 Conditions to avoid** Exposure at high temperature of more than 150 C.

**10.5 Incompatible materials:** No further relevant information available.

**10.6 Hazardous decomposition products:** No dangerous decomposition products known.

**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

**Acute toxicity** Based on available data, the classification criteria are not met.

**LD/LC50 values relevant for classification:**

**8042-47-5 White mineral oil (petroleum)**

Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rabbit)

**Primary irritant effect:**

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT-single exposure** Based on available data, the classification criteria are not met.

**STOT-repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

**SECTION 12: Ecological information**

**12.1 Toxicity**

**Aquatic toxicity:**

**8042-47-5 White mineral oil (petroleum)**

LC50/96h	>1000 mg/l (Fish)
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**12.2 Persistence and degradability** No further relevant information available.

**12.3 Bioaccumulative potential** No further relevant information available.

**12.4 Mobility in soil** No further relevant information available.

**Additional ecological information:**

**General notes:** Generally not hazardous for water

**12.5 Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**12.6 Other adverse effects** No further relevant information available.

## SECTION 13: Disposal considerations

**13.1 Waste treatment methods**

**Recommendation** Smaller quantities can be disposed of with household waste.

**Waste disposal key:** H2

**European waste catalogue**

07 02 16*	waste containing hazardous silicones
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**Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.

## SECTION 14: Transport information

**14.1 UN-Number**

ADR, ADN, IMDG, IATA

Void

**14.2 UN proper shipping name**

ADR, ADN, IMDG, IATA

Void

**14.3 Transport hazard class(es)**

ADR, ADN, IMDG, IATA

Class

Void

**14.4 Packing group**

ADR, IMDG, IATA

Void

**14.5 Environmental hazards:**

**Marine pollutant:**

No

**14.6 Special precautions for user**

Not applicable.

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

Not applicable.

**UN "Model Regulation":**

Void

## SECTION 15: Regulatory information

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

People under the age of 18 must not be exposed to this product except for trainees where the work is a part of their training.

**Directive 2012/18/EU**

**Named dangerous substances - ANNEX I** None of the ingredients is listed.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Relevant phrases**

H304 May be fatal if swallowed and enters airways.

H372 Causes damage to organs through prolonged or repeated exposure.

**Stock label no.:** 895-10-107-06**Supplier label:** Yes**Department issuing SDS:** PQV Materials & Chemicals**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

Asp. Tox. 1: Aspiration hazard – Category 1

**Sources:**

Regulation (EC) 1907/2006 (REACH)

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 (CLP).

Commission Regulation (EC) No 453/2010 amending Regulation (EC) No 1907/2006.

Directive 2000/532/EC

Suppliers Material Safety Datasheet

**\* Data compared to the previous version altered.****Document template no.:** 888 95 045 rev. 14

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Description:** Impression material, A-Zoft (catalyst)**Doc no.:** 782-50-15X-0X B**Category:** P**Part no.:** 782-50-150-04/782-50-151-05/782-50-152-00**Trade Name:** A-Zoft, catalyst**1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

**Application of the substance / the mixture** Manufacture of ear imprint**1.3 Details of the manufacturer and the supplier of the raw material****Manufacturer:**

Detax GmbH and Co. KG

Postfach 100225

Carl-Zeiss-Strasse 4

D-76256 Ettlingen

Germany

**Supplier:**

Detax GmbH and Co. KG

Postfach 100225

Carl-Zeiss-Strasse 4

D-76256 Ettlingen

Germany

**1.4 Safety data sheet prepared by:**

DGS Denmark A/S

PQV Materials &amp; Chemicals

Kongebakken 9

2765 SMØRUM

DENMARK

**Further information obtainable from:** chemistry@dgs.com**Contact:** Jakob Suhr Nielsen**Creation date:** 14-08-2008**1.5 Emergency telephone number:** Use your national or local emergency number**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

The product is not classified according to the CLP regulation.

**2.2 Label elements****Labelling according to Regulation (EC) No 1272/2008** Void**Hazard pictograms** Void**Signal word** Void**Hazard statements** Void**2.3 Other hazards****Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients****3.1 Substance/Mixture****Description:** Mixture of substances listed below with nonhazardous additions.

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**Description: Impression material, A-Zoft (catalyst)**

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**Dangerous components:**

CAS: 14464-46-1 EINECS: 238-455-4	crystalite STOT RE 1, H372	10-25%
CAS: 8042-47-5 EINECS: 232-455-8	White mineral oil (petroleum) Asp. Tox. 1, H304	2.5-10%
CAS: 13463-67-7 EINECS: 236-675-5	titanium dioxide substance with a Community workplace exposure limit	< 1%

**Substances not classified as hazardous**

CAS: 9005-25-8 EINECS: 232-679-6	Starch	25-50%
CAS: 680831-92-2	$\alpha$ , $\omega$ -Divinyl-polydimethylsiloxane	10-25%
CAS: 63148-62-9	$\alpha$ , $\omega$ -Dimethyl-Polydimethylsiloxane	10-25%
CAS: 8009-03-8 EINECS: 232-373-2 Index number: 649-254-00-X	Petrolatum	2.5-10%
CAS: 68478-92-2	Platinum catalyst	< 1%

**Additional information:** For the wording of the listed hazard phrases refer to section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**General information:**

Contact a physician if symptoms persist or if there is doubt about the injured person's condition. Do not give an unconscious person water.

**After inhalation:**

Supply fresh air.

Seek medical treatment.

**After skin contact:** Seek medical treatment.

**After eye contact:** Seek immediate medical advice.

**After swallowing:**

Rinse out mouth and then drink plenty of water.

If symptoms persist consult doctor.

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

No further relevant information available.

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

Treat symptomatically

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.

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

In case of fire, the following can be released:

Carbon monoxide (CO)

### 5.3 Advice for firefighters

**Protective equipment:** Wear self-contained respiratory protective device.

**Additional information**

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

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**Description: Impression material, A-Zoft (catalyst)**

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**SECTION 6: Accidental release measures**

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

Use respiratory protective device against the effects of fumes/dust/aerosol.

Ensure adequate ventilation

Keep away from ignition sources.

**6.2 Environmental precautions:** No special measures required.

**6.3 Methods and material for containment and cleaning up:**

Dispose of the material collected according to regulations.

**6.4 Reference to other sections**

No dangerous substances are released.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

**SECTION 7: Handling and storage**

**7.1 Precautions for safe handling** Avoid skin and eye contact.

**Information about fire - and explosion protection:** No special measures required.

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

**Storage:**

**Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.

**Information about storage in one common storage facility:**

Do not store with acids, lyes, alcohols, metallic powders and metallic oxides (release of hydrogen is favored).

**Further information about storage conditions:**

Store in a cool place.

Store in dry conditions.

Store under lock and key and with access restricted to technical experts or their assistants only.

**Storage class:** 13

**Container material:** Plastic

**Storage temperature:** Room temperature, 18 to 23 °C

**Heating to room temperature before use:** Yes

**Durability group:** C

**Durability in a closed container:** 24 Months

**Minimum residual shelf life for the purpose of shipping:** 6 Months

**7.3 Specific end use(s)** No further relevant information available.

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

**Additional information about design of technical facilities:**

Instructions in a local workplace instruction concerning technical safety precautions and personal protective equipment must always be followed. Contact the supervisor regarding the choice of gloves.

**8.1 Control parameters**

**Ingredients with limit values that require monitoring at the workplace:**

**14464-46-1 cristobalite**

GV (Denmark)	Long-term value: 0.15* 0.05** mg/m <sup>3</sup> *total; **respirabel:K
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NDS (Poland)	Long-term value: 2.0* 0.3** mg/m <sup>3</sup> *pyl calkowity; **pyl respirabilny
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**Description: Impression material, A-Zoft (catalyst)**

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<b>8042-47-5 White mineral oil (petroleum)</b>	
OEL (Denmark)	Short-term value: 2 mg/m <sup>3</sup> Long-term value: 1 mg/m <sup>3</sup>
<b>13463-67-7 titanium dioxide</b>	
GV (Denmark)	Long-term value: 6 mg/m <sup>3</sup>
NDS (Poland)	Long-term value: 10 mg/m <sup>3</sup> pyl calkowity

**Additional information:** Based on the lists that were valid at the time of creation.

**8.2 Exposure controls**

**Personal protective equipment:**

**General protective and hygienic measures:** Wash hands before breaks and at the end of work.

**Respiratory protection:** Not required.

**Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:** Not required.

**Body protection:** Protective work clothing

**SECTION 9: Physical and chemical properties**

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

**General Information**

**Appearance:**

<b>Form:</b>	Pasty
<b>Colour:</b>	White
<b>Odour:</b>	Mild
<b>Odour threshold:</b>	Not determined.

**pH-value:** Not applicable.

**Change in condition**

<b>Melting point/freezing point:</b>	Undetermined.
<b>Initial boiling point and boiling range:</b>	Undetermined.

**Flash point:** >100 °C (DIN 51755)

**Flammability (solid, gas):** Not determined.

**Ignition temperature:** >400 °C (DIN 51794)

**Decomposition temperature:** > 180 °C

**Auto-ignition temperature:** Product is not selfigniting.

**Explosive properties:** Product does not present an explosion hazard.

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**Description: Impression material, A-Zoft (catalyst)**

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<b>Explosion limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Vapour pressure at 20 °C:</b>	<10 hPa
<b>Density at 20 °C:</b>	1.23 g/cm <sup>3</sup> (DIN 51757)
<b>Relative density</b>	Not determined.
<b>Vapour density</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.
<b>Solubility in / Miscibility with water:</b>	Insoluble.
<b>Partition coefficient: n-octanol/water:</b>	400
<b>Viscosity:</b>	
<b>Dynamic at 20 °C:</b>	1,200,000 mPas (Brookfield)
<b>Kinematic:</b>	Not applicable.
<b>Solvent content:</b>	
<b>Organic solvents:</b>	0.0 %
<b>VOC (EC)</b>	0.00 %
<b>Solids content:</b>	100.0 %
<b>9.2 Other information</b>	No further relevant information available.

## SECTION 10: Stability and reactivity

**10.1 Reactivity** No further relevant information available.

**10.2 Chemical stability**

**Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according to specifications.

**10.3 Possibility of hazardous reactions** No dangerous reactions known.

**10.4 Conditions to avoid**

Exposure at high temperature of more than 150 C.

Reacts with alcohols.

Reacts with alkali (lyes).

Reacts with acids.

Reacts with metals forming hydrogen.

Reacts with oxidising agents.

**10.5 Incompatible materials:** No further relevant information available.

**10.6 Hazardous decomposition products:**

Forms hydrogen slowly at room temperature, more rapidly with increasing temperature.

Small quantities of formaldehyde may be formed

## SECTION 11: Toxicological information

**11.1 Information on toxicological effects**

**Acute toxicity** Based on available data, the classification criteria are not met.

**LD/LC50 values relevant for classification:**

**8042-47-5 White mineral oil (petroleum)**

Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rabbit)

**13463-67-7 titanium dioxide**

Oral	LD50	>5000 mg/kg (rat) (OECD Guideline 425)
Inhalative	LC50/4h (static)	>6.82 mg/l (rat)

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**Description: Impression material, A-Zoft (catalyst)**

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**Primary irritant effect:**  
**Skin corrosion/irritation** Based on available data, the classification criteria are not met.  
**Serious eye damage/irritation** Based on available data, the classification criteria are not met.  
**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.  
**CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**  
**Germ cell mutagenicity** Based on available data, the classification criteria are not met.  
**Carcinogenicity** Based on available data, the classification criteria are not met.  
**Reproductive toxicity** Based on available data, the classification criteria are not met.  
**STOT-single exposure** Based on available data, the classification criteria are not met.  
**STOT-repeated exposure** Based on available data, the classification criteria are not met.  
**Aspiration hazard** Based on available data, the classification criteria are not met.

**SECTION 12: Ecological information**

**12.1 Toxicity**

<b>Aquatic toxicity:</b>	
<b>8042-47-5 White mineral oil (petroleum)</b>	
LC50/96h	>1000 mg/l (Fish)
<b>13463-67-7 titanium dioxide</b>	
EC50/48h	1000 mg/l (daphnia)
LC50/96h	1000 mg/l (Fish)

**12.2 Persistence and degradability** No further relevant information available.  
**12.3 Bioaccumulative potential** No further relevant information available.  
**12.4 Mobility in soil** No further relevant information available.  
**Additional ecological information:**  
**General notes:** Generally not hazardous for water  
**12.5 Results of PBT and vPvB assessment**  
**PBT:** Not applicable.  
**vPvB:** Not applicable.  
**12.6 Other adverse effects** No further relevant information available.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

**Waste disposal key:** H2

<b>European waste catalogue</b>	
07 02 16*	waste containing hazardous silicones

**Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.

**SECTION 14: Transport information**

<b>14.1 UN-Number</b> ADR, ADN, IMDG, IATA	Void
<b>14.2 UN proper shipping name</b> ADR, ADN, IMDG, IATA	Void

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**14.3 Transport hazard class(es)****ADR, ADN, IMDG, IATA  
Class**

Void

**14.4 Packing group****ADR, IMDG, IATA**

Void

**14.5 Environmental hazards:****Marine pollutant:**

No

**14.6 Special precautions for user**

Not applicable.

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

Not applicable.

**UN "Model Regulation":**

Void

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

People under the age of 18 must not be exposed to this product except for trainees where the work is a part of their training.

**Directive 2012/18/EU****Named dangerous substances - ANNEX I** None of the ingredients is listed.**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Relevant phrases**

H304 May be fatal if swallowed and enters airways.

H372 Causes damage to organs through prolonged or repeated exposure.

**Stock label no.:** 895-10-107-06**Supplier label:** Yes**Department issuing SDS:** PQV Materials & Chemicals**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

Asp. Tox. 1: Aspiration hazard – Category 1

**Sources:**

Regulation (EC) 1907/2006 (REACH)

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 (CLP).

Commission Regulation (EC) No 453/2010 amending Regulation (EC) No 1907/2006.

Directive 2000/532/EC

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**\* Data compared to the previous version altered.****Document template no.:** 888 95 045 rev. 14