

# SAFETY DATA SHEET

according to Regulation (EU) No. 1907/2006

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## SPD-T5L

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

#### **1.1. Product identifier**

<b>CAS-No.</b>	Mixture
<b>Synonyms</b>	Dimethicone (&) Titanium dioxide (&) Polyglyceryl-3-polydimethylsiloxylethyldimethicone (&) Aluminium hydroxide (&) Stearic acid.
<b>Product code</b>	110478556

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

<b>Use of the Product</b>	Cosmetics, personal care products
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#### **1.3. Details of the supplier of the safety data sheet**

<b>Company/Undertaking Identification</b>	DKSH France SA 1475 quai du Rhone BP 266 01702 Miribel Cedex FRANCE Phone +33 4 7855 7855 safety@dksh.com
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<b>1.4. Emergency telephone number</b>	+44(0) 1235 239670 (24/24 - 7/7) ORFILA (INRS) = + 33 (0)1 45 42 59 59 (24h/24 et 7j/7)
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<b>Revision Date</b>	12.06.2017
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<b>Version</b>	CLP1.2 (Previous versions: CLP1.1, 01/10/2015)
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## **SECTION 2: Hazards identification**

### **2.1. Classification of the substance or mixture**

**Classification according to Regulation (EC) No. 1272/2008**

The substance or mixture is not classified.

### **2.2. Label elements**

The product is non classified but labelled in accordance with Regulation (EC) N°1272/2008 (CLP).

This non classified mixture, according to the CLP criteria, may contain one or more substances with national and/or Community workplace exposure limits mentioned in section 8.

**Signal Word**

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**Hazard Statements**

None.

**Precautionary statements**

None.

**Supplemental information**

Safety data sheet available on request.

**Product identifier**

None.

### **2.3. Other hazards**

None known.

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

### **3.2. Mixtures**

<b>Components</b>	<b>%</b>	<b>CLP Classification</b>	<b>CAS</b>	<b>EC-No.</b>	<b>REACH No.</b>
Dodecamethylpentasiloxane		-	141-63-9	205-492-2	
Titanium dioxide	20-<30		13463-67-7	236-675-5	
Polyglyceryl-3-polydimethylsiloxylether dimethicone	5-<10	Eye Irrit. 2 H319	102782-76-3		
Aluminium hydroxide	5-<10		21645-51-2	244-492-7	
Stearic acid	5-<10		57-11-4	200-313-4	

For the full text of the phrases mentioned in this Section, see Section 16.

**Hazardous impurities**

None known.

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## **SECTION 4: First aid measures**

### **4.1. Description of first aid measures**

<b>Inhalation</b>	If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing. Consult a physician for severe cases.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water. Consult a physician for severe cases.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.
<b>Ingestion</b>	After swallowing: only when the patient is fully conscious: rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a physician for severe cases.

**4.2. Most important symptoms and effects, both acute and delayed**      None known.

**4.3. Indication of any immediate medical attention and special treatment needed**      Treat symptomatically.

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## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

**Suitable extinguishing media**      Use dry chemical, CO<sub>2</sub>, water spray or alcohol foam.

**Extinguishing media which must not be used for safety reasons**      High volume water jet.

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

Combustible liquid.  
During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds.  
In the event of fire the following can be released: formaldehyde, CO<sub>x</sub>, SiO<sub>x</sub>.

### **5.3. Advice for firefighters**

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

**Specific methods**      Avoid the draining of the extinguishing water into the surface water or the ground water.

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## **SECTION 6: Accidental release measures**

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

#### **Advice for non-emergency personnel**

Ensure adequate ventilation.  
Use personal protective equipment.  
Avoid contact with skin and eyes.  
Do not breathe vapours/dust.

#### **Advice for emergency responders**

Evacuate personnel to safe areas.  
Ensure adequate ventilation.  
Use personal protective equipment.  
Avoid contact with skin and eyes.  
Do not breathe vapours/dust.  
Remove all sources of ignition.

### **6.2. Environmental precautions**

Do not allow material to contaminate ground water system.

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

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Shovel into suitable container for disposal.

### **6.4. Reference to other sections**

See chapter 8 and 13.

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## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

When using, do not eat, drink or smoke.  
Ensure there is sufficient ventilation.  
Do not breathe vapours/dust.  
In case of insufficient ventilation, wear suitable respiratory equipment.  
Avoid contact with skin and eyes.  
Keep away from heat and sources of ignition.

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

Avoid light effect and heat effect.  
Keep containers tightly closed in a dry, cool and well-ventilated place.

### **7.3. Specific end use(s)**

No information available.

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

### **8.1. Control parameters**

**EU** None.

**Exposure limit(s)** Titanium dioxide - CAS 13463-67-7  
UK TWA: 10 mg/m<sup>3</sup> (inhalable fraction).  
UK TWA: 4 mg/m<sup>3</sup> (respirable fraction).

### **8.2. Exposure controls**

**Occupational exposure controls** Handle in accordance with good industrial hygiene and safety practice.

#### **Personal protection equipment**

**Eye protection** Safety glasses with side-shields.

**Hand protection** Chemical-resistant protective gloves (EN 374).  
Rubber or plastic gloves.

**Skin and body protection** Protective suit.

**Respiratory protection** In case of insufficient ventilation wear suitable respiratory equipment.  
In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

**Thermal hazards** No hazards to be specially mentioned.

**Environmental exposure controls** Prevent product from entering surface water or sewage.

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

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

<b>Appearance</b>	Liquid. Fluid
<b>Colour</b>	White.
<b>Odour</b>	Slight.
<b>Odour Threshold</b>	No data available.
<b>pH:</b>	no data available
<b>Melting point/range:</b>	No data available.
<b>Boiling point/range:</b>	229°C (Dodecamethylpentasiloxane)
<b>Flash point:</b>	88°C (closed cup)
<b>Evaporation Rate:</b>	No data available.
<b>Flammability:</b>	combustible
<b>Explosion limits:</b>	No data available.
<b>Vapour pressure:</b>	1.3 hPa (25°C) (Dodecamethylpentasiloxane)
<b>Vapor density:</b>	>1 (Dodecamethylpentasiloxane)
<b>Relative density:</b>	1.2 (25°C)
<b>Water solubility:</b>	insoluble
<b>Partition coefficient (n-octanol/water):</b>	No data available.

Autoignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	< 4000 mPa.s (25°C)
Explosive properties:	No data available.
Oxidising properties:	No data available.

## 9.2. Other information

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## **SECTION 10: Stability and reactivity**

10.1. Reactivity	No hazards to be specially mentioned.
10.2. Chemical stability	Stable at normal ambient temperature and pressure. Stable under recommended storage conditions.
10.3. Possibility of hazardous reactions	None known.
10.4. Conditions to avoid	Heat, flame and sparks.
10.5. Incompatible materials	No data available.
10.6. Hazardous decomposition products	Carbon dioxide (CO <sub>2</sub> ), carbon monoxide (CO), oxides of nitrogen (NO <sub>x</sub> ), dense black smoke. SiO <sub>x</sub> . Formaldehyde.

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## **SECTION 11: Toxicological information**

### 11.1. Information on toxicological effects

Acute toxicity	No hazardous property to be reported.
Skin corrosion/irritation	No data available.
Serious eye damage/eye irritation	No data available.
Respiratory / Skin Sensitisation	No data available.
Germ cell mutagenicity	No data available.
Carcinogenicity	No data available.
Reproductive toxicity	No data available.
Specific target organ toxicity (single exposure)	No data available.
Specific target organ toxicity (repeated exposure)	No data available.
Aspiration hazard	No data available.

Human experience

No information available.

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## **SECTION 12: Ecological information**

<b>12.1. Toxicity</b>	No data available.
<b>12.2. Persistence and degradability</b>	<p>This product should NOT be considered: Readily biodegradable. Based on expert judgement.</p> <p>Dodecamethylpentasiloxane - CAS 141-63-9 By analogy with octamethyltrisiloxane - CAS: 107-51-7 Not readily biodegradable (0 % / 28 day(s)). Reference(s): Registration dossier - ECHA Chem (Dodecamethylpentasiloxane - CAS 141-63-9, as disseminated on 21/04/2017)</p>
<b>12.3. Bioaccumulative potential</b>	No data available.
<b>12.4. Mobility in soil</b>	No data available.
<b>12.5. Results of PBT and vPvB assessment</b>	No information available.
<b>12.6. Other adverse effects</b>	REGULATION (EC) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer and its amendments No component listed

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## **SECTION 13: Disposal considerations**

<b>13.1. Waste treatment methods</b>	
<b>Waste from residues / unused products</b>	Dispose of in accordance with the European Directives on waste and hazardous waste.
<b>Contaminated packaging</b>	Do not reuse empty containers and dispose of in accordance with the regulations issued by the appropriate local authorities.

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## **SECTION 14: Transport information**

<b>ADR/RID</b>	Not regulated.
<b>IMDG</b>	Not regulated.
<b>IATA</b>	Not regulated.
<b>Further Information</b>	Not classified as dangerous in the meaning of transport regulations.

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## **SECTION 15: Regulatory information**

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

All the components of this mixture are listed in the following inventories: AICS, IECSC.

Some components of this mixture are not listed in the following inventories: TSCA, DSL, EINECS, PICCS, TCSI, KECI, ENCS, ISHL, INSQ, NZIoC.

REGULATION (EC) No 850/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 29 April 2004 on persistent organic pollutants and its amendments  
No component listed

REGULATION (EC) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer and its amendments  
No component listed

All components  
Not considered as SVHC according to REACH regulation (last update of the SVHC list: 12/01/2017).

REACH annex XVII: restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles  
No component listed

Council Directive 96/82/EC of 9 December 1996 on the control of major-accident hazards involving dangerous substances and its amendments  
No component listed

Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work and its amendments  
Directive 2004/37/EC of the European Parliament and of the Council of 29 April 2004 on the protection of workers from the risks related to exposure to carcinogens or mutagens at work  
Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work and its amendments  
Council Directive 92/85/EEC of 19 October 1992 on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding and its amendments  
No component listed

### **15.2. Chemical safety assessment**

None is required.



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## **SECTION 16: Other information**

<b>Revision Note</b>	Safety datasheet sections which have been updated: 3,11,12,15,16.
<b>Key or legend to abbreviations and acronyms</b>	<p>ADR: Accord européen sur le transport des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)</p> <p>AICS: Inventory of Chemical Substances (Australia)</p> <p>CLP: Classification according to Regulation (EC) No. 1272/2008 (GHS)</p> <p>DSL: Domestic Substances List (Canada)</p> <p>EINECS: European Inventory of Existing Commercial Chemical Substances (EU)</p> <p>ENCS: Inventory of Existing &amp; New Chemical Substances (Japan)</p> <p>IATA: International Air Transport Association</p> <p>IECSC: Inventory of Existing Chemical Substances (China)</p> <p>IMO-IMDG: International Maritime Code for Dangerous Goods</p> <p>INSQ: National Inventory of Chemical Substances (Mexico)</p> <p>ISHL: Industrial Safety &amp; Health Law Inventory (Japan)</p> <p>KECI: Existing Chemicals Inventory (Korea)</p> <p>NZIoC: New Zealand Inventory of Chemicals (New Zealand)</p> <p>PBT: Persistent Bioaccumulative &amp; Toxic Chemical</p> <p>PICCS: Inventory of Chemicals and Chemical Substances (Philippines)</p> <p>RID: Regulations concerning the International carriage of Dangerous goods by rail</p> <p>SVHC: Substances of Very High Concern</p> <p>TCSI: Taiwan Chemical Substance Inventory.</p> <p>TSCA: Toxic Substances Control Act - Chemical Substances Inventory (USA)</p> <p>TWA: time weighted average</p> <p>vPvB: very Persistent, very Bioaccumulative chemical</p>
<b>Key literature references and sources for data</b>	<p>Refer to the respective sections.</p> <p>Supplier's data.</p> <p>Information taken from reference works and the literature.</p>
<b>Classification procedure</b>	<p>Classification of the mixture according to the European Regulation 1272/2008/EC.</p> <p>On basis of published data.</p>
<b>Full text of phrases referred to under sections 2 and 3</b>	H319: Causes serious eye irritation.
<b>Further information</b>	No information available.
<b>Disclaimer</b>	<p>The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication.</p> <p>The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.</p>

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