

# Safety Data Sheet (1907/2006/EC)

**Material: 60002918**
**WACKER® AP 200**
**SILICONE FLUID**

Version: 2.0 (GB)

Date of print: 03.10.2011

Date of last alteration: 25.11.2010

## 1. Identification of the substance/preparation and company

### 1.1 Name of substance/preparation

**Commercial product name:** **WACKER® AP 200** **SILICONE FLUID**

### 1.2 Use of substance / preparation

Industrial.  
 Intermediate chemical

This product is a polymer, which is exempted from registration according to (EC) regulation 1907/2006, article 2.

### 1.3 Company name

**Manufacturer/distributor:** Wacker Chemie AG  
**Street/POB-No.:** Hanns-Seidel-Platz 4  
**State/postal code/city:** D 81737 München  
**Telephone:** +49 89 6279-0  
**Telefax:** +49 89 6279-1770

**Information about the Safety Data Sheet:** Telephone +49/(0) 8677/83-4888  
 Telefax +49/8677/886-9722  
 eMail WLCP-MSDS@wacker.com

### 1.4 Emergency telephone number

**Emergency Information (German):** plant fire brigade +49/(0) 8677/83-2222  
**Emergency Information (internat.):** National Response Center +49/(0) 621/60-43333

## 2. Hazards identification

### 2.1 Classification

#### Classification (GHS):

Class	Category	Route of exposure
-	-	-

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

R-Phrase	Description
R-	-

### 2.2 Labelling

#### Labelling (GHS):

H-Code	Hazard Statements
-	-

P-Code	Precautionary Statements
-	-

#### Labelling (67/548/EEC, 1999/45/EC):

R-Phrase	Description
R-	-

S-Phrase	Description
S-	-

## 3. Composition/information on ingredients

### 3.1 Chemical characterization (substance)

Polysiloxane

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**4. First-aid measures****4.1 General information:**

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

**4.2 After inhalation**

Provide fresh air.

**4.3 After contact with the skin**

Wipe off excess material with cloth or paper. 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).

**4.4 After contact with the eyes**

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

**4.5 After swallowing**

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

**5. Fire-fighting measures****5.1 General information:**

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**5.2 Suitable extinguishing media**

water mist , extinguishing powder , alcohol-resistant foam , carbon dioxide , sand .

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

water spray , water jet .

**5.4 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases**

Hazardous decomposition products: benzene .

**5.5 Special protective equipment for fire fighting**

Use respiratory protection independent of recirculated air.

**6. Accidental release measures****6.1 Personal precautions**

If material is released indicate risk of slipping. Do not walk through spilled material.

**6.2 Environmental precautions**

Prevent material from entering surface waters, drains or sewers and soil. Contain any fluid that runs out using suitable material (e.g. earth). Close leak if possible without risk.

**6.3 Methods for cleaning up**

Take up mechanically and dispose of according to local/state/federal regulations. For small amounts: Absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/state/federal regulations. Contain larger amounts and pump up into suitable containers. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner. Apply sand or other inert granular material to improve traction.

**7. Handling and storage****7.1 General information:**

No special protective measures required.

**7.2 Handling****Precautions for safe handling:**

Spilled substance increases risk of slipping.

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**Precautions against fire and explosion:**  
Observe the general rules for fire prevention.

**7.3 Storage**

**Conditions for storage rooms and vessels:**  
none known

**Advice for storage of incompatible materials:**  
not applicable

**Further information for storage:**  
Keep container tightly closed. Store in a dry and cool place.

**8. Exposure controls and personal protection equipment**

**8.1 Exposure limits**

**Maximum airborne concentrations at the workplace:**

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

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

**8.2 Exposure limited and controlled**

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

**General protection and hygiene measures:**  
Observe standard industrial hygiene practices for the handling of chemical substances. Do not eat or drink when handling.

**Personal protection equipment**

**Respiratory protection**  
not required .

**Hand protection**  
Recommendation: Protective gloves made of butyl rubber , nitrile rubber protective gloves .

**Eye protection**  
Recommendation: protective goggles .

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

Prevent material from entering surface waters and soil.

**9. Physical and chemical properties**

**9.1 General information**

Physical state / form.....: liquid  
Colour .....: colourless  
Odour .....: odourless

**9.2 Important information about the protection of health, safety and the environment**

Property:	Value:	Method:
Melting point / melting range .....	< -35 °C	
Boiling point / boiling range .....	not applicable	
Flash point.....	approx. 260 °C	(ISO 2719)
Ignition temperature .....	> 400 °C	(DIN 51794)
Lower explosion limit (LEL) .....	not applicable	
Upper explosion limit (UEL).....	not applicable	
Vapour pressure.....	not applicable	
Density .....	approx. 1,07 g/cm <sup>3</sup> at 25 °C	(DIN 51757)
Water solubility / miscibility.....	virtually insoluble	
pH-Value .....	not applicable	

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Viscosity (dynamic) .....: 190 - 210 mPa.s at 25 °C  
 Viscosity (kinematic) .....: approx. 200 mm<sup>2</sup>/s at 25 °C (DIN 51562)

**9.3 Other information**

Thermal decomposition .....: &gt; 350 °C

**10. Stability and reactivity****10.1 General information:**

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

**10.2 Conditions to avoid**

none known

**10.3 Materials to avoid**

none known

**10.4 Hazardous decomposition products**

If stored and handled properly: none known . Measurements have shown the formation of small amounts of benzene at temperatures above about 180 °C (356 °F). Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302 °F) through oxidation.

**11. Toxicological information****11.1 General information:**

According to present experience, the material is neither mutagenic, cancerogenic nor teratogenic. The toxicological results listed below are based on tests with similar materials.

**11.2 Toxicological tests****Acute toxicity (LD50/LC50-values relevant to classification):**

Exposition	Value/value range	Species	Source
oral	> 2000 mg/kg	rat (Limit Test)	literature
dermal	> 2000 mg/kg	rat (Limit Test)	test report

**Primary irritation:**

Exposition	Effect	Species/Testsystem	Source
to skin	not irritating	rabbit	test report
to eyes	not irritating	rabbit	test report

**Sensitization:**

Exposition	Effect	Test method	Species	Source
to skin	not sensitizing	Magnusson-Kligmann	guinea-pig	test report

**Further information:**

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**Subacute to chronic toxicity:**

Species	Test method	End point	Value	Source
rat	Repeated Dose 28-day Oral Toxicity Study in Rodents	NOEL	1000 mg/kg/d	literature

**Reference points for mutagenic potential:**

Test system	Effect	Source
Bacterial Reverse Mutation Test	not mutagenic	test report

**11.3 Experience with man**

Human patch test: Product displays good compatibility with the skin.

**11.4 Further toxicological information**

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**12. Ecological information****12.1 Ecotoxicity**

According to past experience toxicity to fish is improbable.

**Effects in sewage treatment plants (bacteria toxicity: respiration-/reproduction inhibition):**

According to current knowledge adverse effects on water purification plants are not expected.

**12.2 Mobility**

Generates no stable films on surface of water, is absorbed by floating particles. Separation by sedimentation.

**12.3 Persistence and degradability****Biodegradation / further information:**

Biologically not degradable.

**Further information:**

Elimination by adsorption to activated sludge.

**12.4 Bio-accumulation potential**

Bioaccumulation is not expected to occur.

**12.5 Other harmful effects**

none known

**12.6 Additional information****General information:**

No environmental problems expected if handled and treated in accordance with standard industrial practices and local regulations where applicable.

**13. Disposal considerations****13.1 Material****Recommendation:**

Material that cannot be used or chemically reprocessed should be disposed of at an approved facility in accordance with any applicable governmental regulations.

**13.2 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.

**13.3 Waste Disposal Legislation Ref.No.(EC)**

It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

**14. Transport information****14.1 Land transport ADR and RID****Road ADR:**

Valuation .....: Not regulated for transport

**Railway RID:**

Valuation .....: Not regulated for transport

**14.2 Transport by sea IMDG-Code**

Valuation .....: Not regulated for transport

Marine Pollutant .....: no

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

Valuation .....: Not regulated for transport

**14.4 Transport/further information**

Informing dept. ref. to heading 14. Transport information:

Department Hazardous Materials Service, Telefax: +49/(0) 8677/83-5589, Telephone: +49/(0) 8677/83-4950

**15. Regulatory information****15.1 National regulations**

National and local regulations must be observed.

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

**Chemical Safety Assessment:**

A chemical safety assessment has not been carried out for this product.

SI 2002/1689: CHIP Regulations 2002

SI 2002/2677: COSHH Regulations 2002

SI 1999/3242: Management of Health &amp; Safety at Work Regulations 1999

Health &amp; Safety at Work Act 1974

SI 1993/1643: Environmental Protection Act 1993 &amp; Subsidiary Regulations.

Other national and local measures relating to the workplace, pollution control, environmental protection and waste control.

**15.2 Other international regulations****Details of international registration status:**

Listed on or in accordance with the following inventories:

IECSC - China

EINECS - Europe

ENCS - Japan

AICS - Australia

PICCS - Philippines

ECL - Korea

TSCA - USA

DSL - Canada

**16. Other information****16.1 Material**

The above information describes exclusively the safety requirements of the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations. Properties of the product are to be found in the respective product leaflet.

**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 -**