



# MOMENTIVE

performance materials

**SAFETY DATA SHEET** according to Regulation (EC) No. 1907/2006

## **Oil M 50**

Version 1.6  
Revision Date 10.12.2008

Print Date 12.08.2010  
M00000004807

### **1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

Trade name : Oil M 50

Usage : Component in personal care products

Company : Momentive Performance Materials GmbH  
Chempark Leverkusen Gebaeude V7  
DE - 51368 Leverkusen

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Further information : + 31 (0)164 / 293276

Environment, Health and Safety Department : MomentiveEMEA.productsteward@momentive.com

### **2. HAZARDS IDENTIFICATION**

**Risk advice to man and the environment**  
None known.

### **3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Chemical nature**  
Polydimethylsiloxane

### **4. FIRST AID MEASURES**

Skin contact : After contact with skin, remove product mechanically. Use skin protection cream.

Eye contact : Rinse with plenty of water.



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Ingestion : Drink 1 or 2 glasses of water. Do NOT induce vomiting.  
Obtain medical attention.

### **5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media : Carbon dioxide (CO<sub>2</sub>)  
Foam  
Water spray  
Dry powder

### **6. ACCIDENTAL RELEASE MEASURES**

Environmental precautions : Do not flush into surface water or sanitary sewer system.  
Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel.

### **7. HANDLING AND STORAGE**

#### **Handling**

Advice on safe handling : Product may charge electrostatically during pouring or filling.

#### **Storage**

Requirements for storage areas and containers : Keep containers tightly closed in a cool, well-ventilated place.

### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Personal protective equipment**



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Hand protection :  
Advise : There is no risk to health due to contact with the chemical. Use hand protection to prevent mechanically injuries.

Eye protection : safety glasses with side-shields conforming to EN166

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.  
When using, do not eat, drink or smoke.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

### **Appearance**

Form : Liquid

Colour : colourless

Odour : odorless

### **Safety data**

Melting point : Melting point/range  
<-60 °C  
Method: No information available.

Boiling point/boiling range : >315 °C

Flash point : >300 °C  
Method: DIN 51376

Ignition temperature : >400 °C  
Method: DIN 51794

Vapour pressure : <0,1 hPa  
at 20 °C  
Method: No information available.

Density : 0,97 g/cm<sup>3</sup>  
at 20 °C



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Method: DIN 51757

Solubility/qualitative	: insoluble
Viscosity, dynamic	: 50 mPa.s at 23 °C Method: No information available.
Miscibility with water	: immiscible

### **10. STABILITY AND REACTIVITY**

Further information	: Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation. No dangerous reaction if used as recommended. No dangerous decomposition products if stored properly. No decomposition if used appropriately.
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### **11. TOXICOLOGICAL INFORMATION**

<b>Acute oral toxicity</b>	: LD50 rat male and female Dose: > 5.000 mg/kg
<b>Skin irritation</b>	: rabbit Exposure time: 24 h Result: No skin irritation
<b>Eye irritation</b>	: rabbit Result: No eye irritation
<b>Sensitization</b>	: Magnusson-Kligman guinea pig Result: In tests with guinea-pigs, the product did not show a sensitizing effect (OECD 406; GPMT according to Magnusson-Kligman).
<b>Mutagenicity</b>	: Negative in the Ames test.
<b>Human experience</b>	: According to current knowledge, polydimethylsiloxanes are not physiologically a problem; but contact with eyes can cause



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short time, harmless, reversible blurred vision, due to the formation of an oil film on the eye.

### **12. ECOLOGICAL INFORMATION**

#### **Ecotoxicity effects**

Toxicity to fish : LC0  
Species: Leuciscus idus  
Dose: 200 mg/l  
Exposure time: 96 h

Toxicity to microorganisms : EC0  
Species: Pseudomonas putida  
Dose: > 10.000 mg/l

### **13. DISPOSAL CONSIDERATIONS**

Product : According to local regulations, can be taken to an appropriate incinerator equipped with exhaust gas cleaning.

### **14. TRANSPORT INFORMATION**

**Further Information** : This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.  
Keep away from foodstuffs and animal feed.

### **15. REGULATORY INFORMATION**

#### **Labelling according to EC Directives**

Further information : Not a hazardous substance or preparation according to EC-



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directives 67/548/EEC or 1999/45/EC.  
The product does not need to be labelled in accordance with  
EC directives or respective national laws.

### **16. OTHER INFORMATION**

None known.

#### **Further information**

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. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.