

Oil PD 5

Version 2.6
Revision Date 09.04.2010

Print Date 12.08.2010
M00000003731

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Trade name : Oil PD 5
Usage : Cosmetic ingredient

Company : Momentive Amer Ind.
260 Hudson River Road
US - 12188 WATERFORD

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Further information : + 40 213044229
Environment, Health and Safety Department : MomentiveEMEA.productsteward@momentive.com

2. HAZARDS IDENTIFICATION

Risk advice to man and the environment

No dangerous reaction known under conditions of normal use.
Aerosols of this product have a high potential for inhalative toxicity.
Therefore, any exposure must be avoided while spraying the product and its mixtures.
It is therefore strictly necessary to wear respiratory protection while spraying.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature
Phenylmethylpolysiloxane

4. FIRST AID MEASURES

Skin contact : After contact with skin, remove product mechanically. Wash off with soap and water.

Eye contact : Immediately flush eye(s) with plenty of water. If eye irritation persists, consult a specialist.

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

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5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : All standard extinguishing agents are suitable.
- Special protective equipment for fire-fighters : Wear self contained breathing apparatus for fire fighting if necessary.
- Further information : Standard procedure for chemical fires. Prevent fire extinguishing water from contaminating surface water or the ground water system.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Use personal protective equipment. Ensure adequate ventilation.
- 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). Shovel into suitable container for disposal.

7. HANDLING AND STORAGE

Handling

- Advice on safe handling : Do not breathe vapours or spray mist. Avoid formation of respirable particles. Keep containers tightly closed in a dry, cool and well-ventilated place. Provide sufficient air exchange and/or exhaust in work rooms.

Storage

- Requirements for storage areas and containers : Keep containers tightly closed in a cool, well-ventilated place.
- Other data : Stable under recommended storage conditions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures

- Eye wash bottle with pure water

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Personal protective equipment

- Respiratory protection : Breathing apparatus needed only when aerosol or mist is formed.
- 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
- Skin and body protection : Wear suitable protective clothing and eye/face protection.
- Hygiene measures : Do not inhale aerosol.
Avoid contact with skin, eyes and clothing.
Ensure adequate ventilation, especially in confined areas.
Handle in accordance with good industrial hygiene and safety practice.
Wash hands before breaks and immediately after handling the product.
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 : 268 °C
at 1.013 hPa
Method: No information available.
- Flash point : >100 °C
- Ignition temperature : 430 °C
Method: DIN 51794
- Vapour pressure : 20 hPa
at 20 °C
Method: No information available.

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Vapour pressure	:	30 hPa at 50 °C Method: EU A4
Density	:	0,92 g/cm ³ at 20 °C Method: DIN 51757
Viscosity, dynamic	:	4 mPa.s at 20 °C Method: No information available.
Miscibility with water	:	immiscible

10. STABILITY AND REACTIVITY

Thermal decomposition	:	Note: No decomposition if stored and applied as directed.
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. Tests have shown that at temperature from 160°C and above, small amounts of benzene are released. No dangerous reaction if used as recommended. No decomposition if used appropriately.
Hazardous decomposition products	:	Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	:	LD50 rat Dose: > 5.000 mg/kg
Human experience	:	Aerosols like these products have a high inhalation toxicity potential. Therefore, when spraying this product and mixtures thereof with other components, exposure must be completely avoided. The use of respiratory equipment is mandatory for all spray applications.

12. ECOLOGICAL INFORMATION



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Additional ecological information : Ecotoxicological data for this product is not available.

13. DISPOSAL CONSIDERATIONS

Product : In accordance with local and national regulations.
Contaminated packaging : Dispose of as unused product.

14. TRANSPORT INFORMATION

Further Information : Not dangerous for transport
Keep away from food and drink.

15. REGULATORY INFORMATION

Labelling according to EC Directives

Further information : The product does not need to be labelled in accordance with EC directives or respective national laws.

1999/45/EC



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16. OTHER INFORMATION

Aerosols of this product have a high potential for inhalative toxicity.
Therefore, any exposure must be avoided while spraying the product and its mixtures.
It is therefore strictly necessary to wear respiratory protection while spraying.
No dangerous reaction known under conditions of normal use.

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.