

Date of issue: 21.07.2005 Replaces Data Sheet of : 18.01.2005  
 "" alterations as compared to previous version; n.ap. = not applicable; n.av. = not available



**1 Identification of Substance / Preparation and Company**

- 1.1 **Identification of Substance or Preparation**  
 Trade Name : **FACEAL OLEO**  
 Use : **Impregnation**  
 Preparation No. : n.av.
- 1.2 **Company / Undertaking Identification**
- 1.2.1 **Address of the Company / Undertaking :**  
 PSS INTERSERVICE Ltd., CH - 8954 Geroldswil, Rebbergstr. 10, P.O. Box  
 Telephone : ++41-44-749 24 24, Fax : ++41-44-749 24 25
- 1.2.2 **Responsible :**  
 CHEMCO, Dipl. - Chemikerin R. Fechner, ☎ +49-5254-9575-05
- 1.3 **Emergency - Telephone**  
 Swiss Toxicological Information Centre: ++41-44-251 51 51  
 Emergency - Telephone of Company / Undertaking: ++41-44-749 24 24

**2 Composition / Information on Ingredients**

- 2.1 **Chemical Characterisation:**  
 Aqueous dispersion, acrylic copolymer resin, fluorinated
  - 2.2 **Dangerous Ingredients:**
- | CAS - No. | Index - No. | EEC - No. | Material | m% - range | Symbol | R - phrases |
|-----------|-------------|-----------|----------|------------|--------|-------------|
| <br>      |             |           |          |            |        |             |
| <br>      |             |           |          |            |        |             |
- Remarks:**  
 Classification and labelling of a product is indicated under item 15.  
 Exposure Controls / Personal Protection under item 8  
 R -phrase(s) under item 16

**3 Hazards Identification**

- 3.1 **For Humans** (additional information is given under item 11) :
- 3.1.1 **Classification :**  
 The product does not need to be labelled in accordance with EC directives or respective national laws.
- 3.1.2 **Additional advice :**  
 May cause eye irritation of susceptible persons.
- 3.2 **For the Environment :**  
 Ecological injuries are not known or expected under normal use.  
 Slightly water endangering
- 3.3 **For Materials:**  
 None.

**4 First Aid Measures**

- 4.1 **Inhalation:**  
 Move to fresh air in case of accidental inhalation of fumes from overheating or combustion.  
 If symptoms persist, call a physician.
- 4.2 **Skin Contact :**  
 Wash off with soap and water. Take off all contaminated clothing immediately.
- 4.3 **Eye Contact :**  
 Rinse thoroughly with plenty of water.  
 If eye irritation persists, consult a specialist.
- 4.4 **Ingestion :**  
 Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting.  
 If symptoms persist, call a physician.
- 4.5 **Note to Physician:**  
 None.
- 4.6 **Special Equipment:**  
 None.

**Tradename : FACEAL OLEO**

Company / Distributor : PSS INTERSERVICE Ltd., CH - 8954 Geroldswil, Rebbergstr. 10, P.O. Box  
 Telephone : ++41-44-749 24 24, **Date of issue:** 21.07.2005 **Replaces Data Sheet of :** 18.01.2005

**5 Fire Fighting Measures**

- 5.1 **Suitable Extinguishing Media :** Foam, powder, carbon dioxide (CO<sub>2</sub>).
- 5.2 **Extinguishing Media to Avoid :** Water spray.
- 5.3 **Fire and Explosion Hazards :**  
 Fire may cause to evolve: Carbon oxides, thermal decomposition vapours of fluorinated polymers:
- 5.4 **Additional Information :** None.
- 5.5 **Special Protective Equipment :**  
 Wear positive pressure self-contained breathing apparatus.  
 Wear full protective clothing.

**6 Accidental Release Measures**

- 6.1 **Personal Precautions :**  
 See No. 8.3 Personal Protective Equipment.  
 \* Ensure adequate ventilation, especially in confined areas. Do not breathe vapours or spray mist.  
 Slipping hazard.
- 6.2 **Environmental Precautions and Methods for Cleaning up :**  
 Do not flush into surface water or sanitary sewer system. Contact the proper local authorities. Soak up with inert absorbent material and dispose of as hazardous waste. Take up mechanically and collect in suitable container for disposal.
- 6.3 **Further Information :** None.

**7 Handling and Storage** (For national regulations refer to item 15.2)

- 7.1 **Handling**
- 7.1.1 **Precautions for Safe Handling :**  
 Avoid contact with eyes. Do not breathe vapour.  
 After use: Keep container tightly closed and at a temperature not exceeding 30 °C
- 7.1.2 **Precautions in Case of Fire and Explosion :**  
 None.
- 7.2 **Storage**
- 7.2.1 **Storage Instructions :**  
 Keep in a well-ventilated place.
- 7.2.2 **Store away from :**  
 Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
- 7.2.3 **Further Information on Storage Conditions :**  
 Store at room temperature: Conditions to avoid: Temperatures < 0 °C.
- 7.2.4 **Storage Class :** 12 (VCI - Concept)

**8 Exposure Controls and Personal Protection**

- 8.1 **Information on System Design :**  
 \* Provide personal protective equipment. Use only in well ventilated areas.
- 8.2 **Exposure Limits:**
- 8.2.1 **CAS / Material** **Limit Value according to TRGS 900/ EEC Guideline 2000/39**
- 8.3 **Personal Protective Equipment**
- 8.3.1 **General Protection and Hygiene :**  
 \* Do not breathe vapours or spray mist.. Avoid contact with eyes. Take off all contaminated clothing immediately.  
 When using, do not eat, drink or smoke.
- 8.3.2 **Respiratory Protection :** No.
- 8.3.3 **Hand Protection :** Polyvinyl alcohol or nitrile-butyl rubber gloves.  
 Break through time : Refer to manufacturer/supplier for information.
- 8.3.4 **Eye Protection :** Safety glasses.
- 8.3.5 **Skin Protection :** No.
- 8.3.6 **Further Information :** No.

**Tradename : FACEAL OLEO**

Company / Distributor : PSS INTERSERVICE Ltd., CH - 8954 Geroldswil, Rebbergstr. 10, P.O. Box  
 Telephone : ++41-44-749 24 24, **Date of issue:** 21.07.2005 **Replaces Data Sheet of :** 18.01.2005

**9 Physical and Chemical Properties**

9.1	<b>Appearance</b>		
9.1.1	<b>Form</b> : liquid	9.1.2 <b>Colour</b> : yellow	9.1.3 <b>Odour</b> : slightly stinging
9.2	<b>Safety Relevant Data</b>		
9.2.1	pH-value, undiluted :	4 - 5	
9.2.2	Boiling point / Boiling - range (°C) :	n.av.,	Melting point / Melting range (°C) : n.av.
9.2.3	Flash point (°C, c.c.) :	n.ap.	
9.2.4	Flammability (EEC A10/A13) :	n.ap.	
9.2.5	Ignition temperature (°C) :	n.ap.	
9.2.6	Autoflammability (EEC A16) :	n.ap.	
9.2.7	Oxidising properties :	n.ap.	
9.2.8	Explosion hazard :	n.ap.	
9.2.9	Explosion limits (Vol.%) lower :	n.ap.,	upper : n.ap.
9.2.10	Vapour pressure :	n.ap.	
9.2.11	Density (g/ml) :	1,01	
9.2.12	Solubility (in Water) :	soluble	
9.2.13	Partition coefficient, n-Octanol/Water :	n.av.	
9.2.14	Viscosity :	n.av.	
9.2.15	Solvent separation test :	n.ap.	
9.2.16	Solvent content (m %) :	n.ap.	
9.2.17	Fat solubility :	no	
9.3	<b>Further Data</b>		
9.3.1	Thermal decomposition (°C) :	> 50	
9.3.2	Vapour density (Air = 1) :	~ 1	
9.3.3	Evaporation rate :	n.av.	

**10 Stability and Reactivity**

10.1	<b>Conditions to Avoid</b> :	Temperatures below .5 °C, temperatures above 30 °C.
10.2	<b>Materials to Avoid</b> :	Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
10.3	<b>Hazardous Decomposition Products</b> :	None under normal use.
10.4	<b>Further Information</b> :	None.

**11 Toxicological Information**

11.1	<b>Toxicological Tests</b> :	
11.1.1	<b>Acute Health Effects</b> :	
	Inhalation, LC <sub>50</sub> rat, (mg/l/4h) :	n.av.
	Ingestion, LD <sub>50</sub> rat, (mg/kg) :	n.av.
	Skin - contact, LD <sub>50</sub> rat, (mg/kg) :	n.av.
	Irritation (to skin / eye) :	May cause eye irritation of susceptible persons. The product does not need to be labelled in accordance with EC directives or respective national laws.
	Sensitisation :	n.av.
11.1.2	<b>Subacute / Chronic Toxicity</b> :	
	Carcinogenicity :	No.
	Mutagenicity :	No.
	Teratogenicity :	No.
	Narcotic Effects :	No.

**Tradename : FACEAL OLEO**

Company / Distributor : PSS INTERSERVICE Ltd., CH - 8954 Geroldswil, Rebbergstr. 10, P.O. Box  
 Telephone : ++41-44-749 24 24, **Date of issue:** 21.07.2005 **Replaces Data Sheet of :** 18.01.2005

**11.2 Practical Experience**

11.2.1 Observations relevant for classification :  
 No.

11.2.2 Further Observations :  
 No.

**11.3 General Remarks :**

Classification of the preparation has been done by calculation in accordance with EC directive 1999/45.

**12 Ecological Information**

**12.1 Elimination (Persistence and Degradability) :**

No data is available on the product itself.

**12.2 Behaviour in Sewage Works :**

Mobility and Accumulation Potential :  
 No data is available on the product itself.

**12.3 Ecotoxic Effects, Aquatic Toxicity :**

Slightly water endangering

**12.4 Other Ecological Information**

12.4.1 COD-Value, mg/g : n.av.

12.4.2 BOD<sub>5</sub>-Value, mg/g : n.av.

12.4.3 AOX-Remarks : n.av.

12.4.4 Significant Components : None.

**13 Disposal Considerations (For national Regulations refer to item 15.)**

**13.1 Residues**

13.1.1 Recommendation : D 10 (91/156) Waste - Code - No. : 07 07 01

In addition comply with the regional authorities.

13.1.2 Safe Handling: See item 7 and 15.

**13.2 Contaminated Packaging**

13.2.1 Recommendation : Wash with suitable cleaner. Otherwise as described under Residues.

13.2.2 Safe Handling : As described under Residues.

**14 Transport Information**

**14.1 Transportation by Road or Railway according to ADR/GGVS and RID/GGVE**

**Remarks : Not classified as dangerous in the meaning of transport regulations.**

Class : Classification : Packing Group :  
 Instructions for Transportation in Tanks : Hazard-No. : UN-No. :

**14.1.1 Instruction Concerning Shipper's Declaration and Packaging :**

Volume or Mass	Description of Goods	Risklabel Packing - Code or marginal
----------------	----------------------	--------------------------------------

14.1.2 Listed Cargo as per Appendix B.8 :

14.1.3 Additional Designation in the Shipper's Declaration : Inscription on Packaging :

14.2 Classification for Transportation by Inland-Navigation according to ADNO/GGVBinSch

**Remarks : Classification has not been done.**

Class : Division : Category :

14.2.1 Description of Goods :

14.2.2 Remarks :

**14.3 Classification for Transportation by Vessels according to IMDG/GGVSee**

**Remarks : Not classified as dangerous in the meaning of transport regulations.**

Class : UN-No. : Packing Group :

14.3.1 EmS-Fire / Leak : MFAG-Table :

14.3.2 Marine Pollutant :

**14.3.3 Instruction for Declaration and Labelling :**

(Packing sizes with possible exemptions not considered)

**Proper Shipping Name :**

**Risk Label :**

14.3.4 Remarks :

**Tradename : FACEAL OLEO**

Company / Distributor : PSS INTERSERVICE Ltd., CH - 8954 Geroldswil, Rebbergstr. 10, P.O. Box  
Telephone : ++41-44-749 24 24, **Date of issue:** 21.07.2005 **Replaces Data Sheet of :** 18.01.2005

**14.4 Classification for Transportation by Aeroplane according to IATA-DGR/ICAO-TI**  
**Remarks : Not classified as dangerous in the meaning of transport regulations.**

Class :                      UN-No. :                      Packing Group :

**14.4.1 Instruction for Declaration and Labelling :**

(Packing sizes with possible exemptions not considered)

**Proper Shipping Name :**

**Risk Label :**

Packing Instructions, Passenger :                      Cargo :

**14.4.2 Remarks :****15 Regulatory Information****15.1 Classification according to EEC-Regulations :**

Classification required by EEC : No.

Applicable Exemptions :

Hazard Identification :

Hazard Symbol(s) :

Component(s) :

**R-Phrases :**

**S-Phrases :**

(Keep out of reach of children.)

Additional Markings :

- 15.1.1 The above mentioned classification is valid for distribution to industrial and private user.  
Labelling (formats, exemptions, additional markings) has to be done according to respective regulations.

**16 Other Information****R-phrase(s) :**

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

**Further information to work out the Data sheet:**

Data of the producer.

The statements in this Material Safety Data Sheet were made to the best of our knowledge according to 1999/45/EC and 2004/73/EC and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

Prepared by : CHEMCO, Dipl. - Chemikerin R. Fechner, ☎ ++ 49-5254-9575-05

pss027