

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 COLOUR**

Use : Impregnation

### 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, pigmented, fluorocopolymer resin

### 2.2 Dangerous Ingredients:

CAS - No. Index - No. EEC - No. Material

m% - range Symbol R - phrases

#### 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 with susceptible persons.

### 3.2 For the Environment :

Ecological injuries are not known or expected under normal use.

### 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.

### 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.

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**5 Fire Fighting Measures**

- 5.1 **Suitable Extinguishing Media :** Foam, powder, carbon dioxide.  
 5.2 **Extinguishing Media to Avoid :** None.  
 5.3 **Fire and Explosion Hazards :**  
 Fire may cause to evolve : Carbon oxides and the thermal decomposition 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. Soak up with inert absorbent material.  
 Contact the proper local authorities. Can be disposed of as a solid waste or burned in a suitable installation subject to local regulations.  
 6.3 **Further Information :**

**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. Keep at temperatures above 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 Guidline 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 :** None.  
 8.3.3 **Hand Protection :** Nitrile-butyl rubber gloves  
 8.3.4 **Eye Protection :** Safety glasses  
 8.3.5 **Skin Protection :** None.  
 8.3.6 **Further Information :** None.

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**9 Physical and Chemical Properties**

|        |  |  |  |
|--------|--|--|--|
| 9.1    | <b>Appearance</b>                        |  |  |
| 9.1.1  | <b>Form</b> : liquid                     | 9.1.2 <b>Colour</b> : grey (RAL 7035)  | 9.1.3 <b>Odour</b> : none                              |
| 9.2    | <b>Safety Relevant Data</b>              |  |  |
| 9.2.1  | pH-value, undiluted :                    | 8,25,                                  | pH-value, 1% aqueous solution : no data available      |
| 9.2.2  | Boiling point / Boiling - range (°C) :   | no data available,                     | Melting point / Melting range (°C) : no data available |
| 9.2.3  | Flash point (°C, c.c.) :                 | not applicable                         |  |
| 9.2.4  | Flammability (EEC A10/A13) :             | not applicable                         |  |
| 9.2.5  | Ignition temperature (°C) :              | not applicable                         |  |
| 9.2.6  | Autoflammability (EEC A16) :             | not applicable                         |  |
| 9.2.7  | Oxidising properties :                   | not applicable                         |  |
| 9.2.8  | Explosion hazard :                       | not applicable                         |  |
| 9.2.9  | Explosion limits (Vol.%) lower :         | not applicable,                        | upper : not applicable                                 |
| 9.2.10 | Vapour pressure :                        | not applicable                         |  |
| 9.2.11 | Density (g/ml) :                         | ~ 1                                    |  |
| 9.2.12 | Solubility (in Water) :                  | soluble / dispersible                  |  |
| 9.2.13 | Partition coefficient, n-Octanol/Water : | no data available                      |  |
| 9.2.14 | Viscosity :                              | 15+/-10 mPas (Brookfield, 25 C, 50rpm) |  |
| 9.2.15 | Solvent separation test :                | not applicable                         |  |
| 9.2.16 | Solvent content (m %) :                  | not applicable                         |  |
| 9.2.17 | Fat solubility :                         | not applicable                         |  |
| 9.3    | <b>Further Data</b>                      |  |  |
| 9.3.1  | Thermal decomposition (°C) :             | no data available                      |  |
| 9.3.2  | Vapour density (Air = 1) :               | no data available                      |  |
| 9.3.3  | Evaporation rate :                       | no data available                      |  |

**10 Stability and Reactivity**

|      |  |
|------|--|
| 10.1 | <b>Conditions to Avoid :</b><br>Avoid temperatures below 5 °C and above 30 °C. |
| 10.2 | <b>Materials to Avoid :</b><br>Oxidizing agents.                               |
| 10.3 | <b>Hazardous Decomposition Products :</b><br>None under normal use.            |
| 10.4 | <b>Further Information :</b><br>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) : no data available  |
|        | Ingestion, LD <sub>50</sub> rat, (mg/kg) : no data available   |
|        | Skin - contact, LD <sub>50</sub> rat, (mg/kg) : no data available  |
|        | Irritation (to skin / eye) :<br>May cause eye irritation with susceptible persons.<br>The product does not need to be labelled in accordance with EC directives or respective national laws. |
|        | Sensitisation :<br>no data available   |
| 11.1.2 | <b>Subacute / Chronic Toxicity :</b>   |
|        | Carcinogenicity : No.  |
|        | Mutagenicity : No.   |
|        | Teratogenicity : No.   |
|        | Narcotic Effects : No.   |
| 11.2   | <b>Practical Experience</b>  |
| 11.2.1 | Observations relevant for classification :<br>None.  |
| 11.2.2 | Further Observations :<br>None.  |

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11.3 **General Remarks :**  
 Classification of the preparation has been done by calculation in accordance with EEC directives.

**12 Ecological Information**

12.1 **Elimination (Persistence and Degradability) :**  
 Readily biodegradable 99,8 % after 15 days according to OECD.

12.2 **Behaviour in Sewage Works :**  
 Mobility and Accumulation Potential :  
 No data is available on the product itself.

12.3 **Ecotoxic Effects, Aquatic Toxicity :**  
 No data available.

12.4 **Other Ecological Information**  
 12.4.1 COD-Value, mg/g : no data available  
 12.4.2 BOD<sub>5</sub>-Value, mg/g : no data available  
 12.4.3 AOX-Remarks : no data available  
 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. : 08 02 99  
 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 / Leakage :** **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 :**

