

Date: 13.10.2014 Former date: 10.09.2012
 This data sheet contains changes from the previous version ""



* SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1 **Product identifier /Commercial Product Name:**
**FACEAL COLOUR - flat finish (9820), semi - gloss-finish (9821), special effects (9823),
 Uncoloured Faceal Colour flat finish (Basis) (9824)**
- 1.2 **Relevant identified uses of the substance or mixture and uses advised against:** None known.
Use of the Substance/Preparation: Multi-functional, pigmented and protective glaze for concrete and brick.
 Non-covering. Formulated to be resistant to grease and water. (See product bulletin for detailed information)
Chemical nature of the preparation: Polymer - suspension
- 1.3 **Details of the manufacturer / supplier of the safety data sheet:**
Address: Manufacturer, supplier:
 PSS INTERSERVICE AG, Poststr. 1, Postfach 315, 8954 Geroldswil, Switzerland
 Telephone: + 41 44 749 2424, Telefax: + 41 44 749 2425
Contact Person: Mr. A. Buchli; eMail: info@pss-interservice.ch
Responsible for the safety data sheet :
 CHEMCO123 @ – Chemical Consultancy, graduate chemist Rosemarie Fechner, ☎ 05254 9575 05
 e-mail address: info@chemco123.de
- 1.4 **Emergency telephone number:**
 Swiss Toxicological Information Centre: +41 44 251 51 51
 Emergency – Telephone of Company / Undertaking:
 Telephone:+41 44 749 24 24

* SECTION 2: Hazards identification

- 2.1 **Classification of the substance or mixture: :**
Classification according to directive 1999/45 and Regulation (EC) 1272/2008:
 The product does not need to be labelled.
- 2.2 **Label elements:**
Label elements according to directive 1999/45 and Regulation (EC) 1272/2008:
 None.
- 2.3 **Other hazards:**
For Humans:
 May cause eye/skin irritation. Ethane diol is easily resorbed by skin (C < 0,5 %). Repeated contact may cause allergic reactions in very susceptible persons.
For the Environment:
 Slightly water endangering.
 Persistent, bioaccumulative and toxic substances (PBT-substances): None.
 Very persistent and very bioaccumulative substances (vPvB-substances): None

* SECTION 3:Composition/information on ingredients

- 3.1 **Substances:** Not applicable.
 3.2 **Mixtures:**
Dangerous Ingredients

CAS - No.	Index - No.	EC - No.	Material	m% - range	Symbol	R - phrases
5131-66-8	603-052-00-8	225-878-4	3-Butoxy-2-propanol	1 < C < 3 %	Xi	R36/38
CAS - No.	Index - No.	EC - No.	Chemical name	m% - range	pictogram(e)	H - phrases
5131-66-8	603-052-00-8	225-878-4	3-Butoxy-2-propanol	1 < C < 3 %	GHS07	H319 H315

H319 = Eye Irrit. 2, H315 = Skin Irrit. 2

* SECTION 4: First aid measures

- 4.1 **Description of first aid measures:**
General advice:
 Show this safety data sheet to the doctor in attendance.

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Inhalation:

Move to fresh air in case of accidental inhalation of fumes from overheating or combustion.

If symptoms persist, call a physician.

Skin contact:

Wash off with soap and water.

In the case of skin irritation or allergic reactions see a physician.

Eye contact:

Rinse thoroughly with plenty of water.

If eye irritation persists, consult a specialist.

Ingestion:

Do not induce vomiting. Clean mouth with water and drink afterwards plenty of water.

If symptoms persist, call a physician.

4.2 **Most important symptoms and effects, both acute and delayed:**

None.

4.3 **Indication of any immediate medical attention and special treatment needed:**

Treat symptomatically.

*** SECTION 5: Firefighting measures**

5.1 **Extinguishing media:**

Suitable extinguishing media: Use dry chemical, water spray or "alcohol" foam.

Unsuitable extinguishing media: Carbon dioxide. Formation of phosgene.

5.2 **Special hazards arising from the substance or mixture:**

Fire may cause to evolve: Carbon oxides, nitrogen oxides, sulphur oxides and thermal decomposition products of fluorinated polymers.

5.3 **Advice for firefighters:** The product itself does not burn. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Special protective equipment for firefighters:

Special protective equipment for firefighters:

*** SECTION 6: Accidental release measures**

6.1 **Personal precautions, protective equipment and emergency procedures:**

Use personal protective equipment. Ensure adequate ventilation, especially in confined areas. Do not breathe vapours or spray mist. Sweep up to prevent slipping hazard.

6.1.1 *For non-emergency personnel:*

Use personal protective equipment. Use personal protective equipment. Ensure adequate ventilation, especially in confined areas. Do not breathe vapours or spray mist. Sweep up to prevent slipping hazard.

6.1.2 *For emergency responders:*

Use personal protective equipment. Ensure adequate ventilation, especially in confined areas. Do not breathe vapours or spray mist. Sweep up to prevent slipping hazard.

6.2 **Environmental precautions:**

Do not flush into surface water or sanitary sewer system. In case of accident: Contact the proper local authorities. Soak up with inert absorbent material (e.g. sand, silica gel, universal binder). Shovel into suitable container for disposal. After cleaning, flush away traces with water.

6.3 **Methods and material for containment and cleaning up:**

6.3.1 *Methods and material for containment:*

Soak up with inert absorbent material (e.g. sand, silica gel, universal binder). Shovel into suitable container for disposal. After cleaning, flush away traces with water.

6.3.2 *Methods and material for cleaning up:*

Flush away traces with water.

6.3.3 **Inappropriate containment or clean-up techniques:**

None.

6.4 **Reference to other Sections:**

See Section 8 / 13.

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* SECTION 7: Handling and storage

- 7.1 **Precautions for safe handling:**
 7.1.1 **Recommendations shall be specified to:**
 Avoid contact with skin and eyes. Do not breathe vapours or spray mist.
 7.1.2 **Advice on general occupational hygiene shall be provided:**
 Avoid contact with skin and eyes. Do not breathe vapours or spray mist. Take off all contaminated clothing immediately. When using, do not eat, drink or smoke.
 7.2 **Conditions for safe storage, including any incompatibilities:**
 Keep in a dry, cool place. Keep at temperatures between 5 °C and 30 °C. Keep away from oxidising agents.
Precautions in Case of Fire and Explosion:
 No special protective measures against fire required. Normal measures for preventive fire protection.
 7.3 **Specific end use(s):**
 Multi-functional, pigmented and protective glaze for concrete and brick. Non-covering.
 Formulated to be resistant to grease and water.

* SECTION 8: Exposure controls/personal protection

- 8.1 **Control parameters:**

CAS / Material	Limit Value according to TRGS 900/ EC Guideline 2000/39:
107-21-1 / Ethane diol	10 ppm, 26 mg / m ³ , Ethane diol is easily resorbed by skin.
- 8.2 **Exposure controls:**
 Ingredients named in section 8.1.
 8.2.1 **Appropriate engineering controls:**
 Use only in well-ventilated areas.
 8.2.2 **Personal Protective Equipment**
Respiratory Protection: No personal respiratory protective equipment normally required.
 In case of insufficient ventilation or in the case of mist or spray exposure wear suitable personal respiratory protection. Respirator with combination filter for vapour/particulate.
 Refer to manufacturer of gloves for detailed information.
Hand Protection:
Excessive exposure: Protective gloves (Nitrilrubber) according to DIN EN 374.
 Break through time: > 480 Min. Glove thickness: 0,7 mm / Level 6.
Short time exposure: Protective gloves (Nitrilrubber) according to DIN EN 374.
 Break through time: > 30 Min. Glove thickness: 0,4 mm / Level 2.
Eye Protection: Tightly fitting safety goggles according to DIN EN 166.
Skin Protection: Long sleeved clothing.
Further Information: Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Thermal hazards: None.
 8.2.3 **Environmental exposure controls:** None.

* SECTION 9: Physical and chemical properties

- 9.1 **Information on basic physical and chemical properties:**
Appearance: liquid
Colour: various
Odour: None.
Odour threshold: no data available
- Safety Relevant Data**
- | | |
|-----------------------------|-------------------|
| pH:, (undiluted): | 8 - 9 |
| Boiling point/range: (°C): | no data available |
| Melting point/range : (°C): | no data available |
| Flash point (°C): | not applicable |
| Evaporation Rate: | no data available |
| Flammability (solid, gas): | not applicable |

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	Upper/lower flammability or explosive limits:	not applicable, not applicable
	Vapour pressure:	not applicable
	Vapour density ((Air = 1.0)):	no data available
	Relative density (g/cm ³):	due to the colour
	Water solubility	completely soluble
	Fat solubility	not applicable
	Partition coefficient (n-octanol/water):	no data available
	Auto-ignition temperature °C:	not applicable
	Decomposition temperature °C:	no data available
	Viscosity	no data available
	Oxidising properties:	not applicable
	Explosive properties:	not applicable
	Solvent (Weight %):	< 2,7
	VOC (g / kg):	< 27
9.2	Other information:	
	Thermal decomposition (°C):	no data available
	Vapour density (Air = 1):	no data available
	Evaporation rate:	no data available

* SECTION 10: Stability and reactivity

10.1	Reactivity: No hazards resulting from the material as supplied.
10.2	Chemical stability: Stable at normal conditions.
10.3	Possibility of hazardous reactions: Keep away from oxidising agents.
10.4	Conditions to avoid: Temperatures below 5 °C and temperatures above 30 °C.
10.5	Incompatible materials: None.
10.6	Hazardous decomposition : None under normal use.

* SECTION 11: Toxicological information

11.1	Information on toxicological effects	
11.1.1	Mixtures	
	Acute toxicity	
	LC50/inhalation/4h/rat =	no data available
	LD50/oral/rat =	no data available
	LD50/dermal/rat =	no data available
	Irritation (eye):	May cause eye/skin irritation.
	Corrosivity:	None.
	Sensitisation:	None.
	Repeated dose toxicity:	None.
	Carcinogenicity:	None.
	Mutagenicity:	None.
	Toxicity for reproduction	There is no reason to fear a risk when the exposure limit is adhered to.
11.1.2	Substances	
	Acute toxicity 3-Butoxy-2-propanol:	
	LC50/inhalation/4h/rat =	no data available
	LD50/oral/rat =	5010 mg / kg
	LD50/dermal/rab =	3100 mg / kg
	Skin corrosion/irritation	Causes skin irritation.

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Serious eye damage/irritation	Causes serious eye irritation.
Respiratory or skin sensitisation	None.
Germ cell mutagenicity	None.
Carcinogenicity	None.
Reproductive toxicity	There is no reason to fear a risk when the exposure limit is adhered to.
STOT-single exposure	None.
STOT-repeated exposure	None
Aspiration hazard	applicable

* SECTION 12: Ecological information

- 12.1 **Toxicity:** slightly water endangering
- 12.2 **Persistence and degradability:**
Biodegradable. > 80 %
- 12.3 **Bioaccumulative potential:**
Does not bioaccumulate.
- 12.4 **Mobility in soil:**
Does not bioaccumulate.
- 12.5 **Results of PBT and vPvB assessment:**
Persistent, bioaccumulative and toxic substances (PBT-substances): None.
Very persistent and very bioaccumulative substances (vPvB-substances): None.
- 12.6 **Other adverse effects**
None..

* SECTION 13: Disposal considerations

- 13.1 **Waste treatment methods:**
Methods of waste treatment of both the substance or mixture and any contaminated packaging
Suggestions: D10
Waste disposal number: 08 02 99

* SECTION 14: Transport information

Transportation according to ADR/GGVS, IMDG/GGVSee and IATA-DGR/ICAO-TI:
Not dangerous goods in the meaning of ADR/RID, ADN, IMDG-Code, ICAO/IATA-DGR ADR/RID

* SECTION 15: Regulatory information

- 15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture**
None.
Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents
- 15.2 **Chemical safety assessment:** None.

* SECTION 16: Other information

R – Phrases:

R36/38 - Irritating to eyes and skin.

H - Phrases:

H315 - Causes skin irritation.

H319 – Causes serious eye irritation.

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 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.

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