

Regulatory Certificate

Product: **INTERIOR PROTECTION POWDER for SIGG bottles,
gold transparent, 50034**

Date: 28.02.2008

Allergens:

This product is free of natural rubber/latex and colophony.

BPA/BADGE / BFDGE / NOGE (1895/2005/EC incl. amendments):

This product is free of BPA, BADGE, BFDGE or NOGE.

CEPE raw material exclusion list:

Though this product is not a printing ink, only raw materials will be used, which are in compliance with the requirements of the CEPE raw material exclusion list for printing inks and associated products. So this product is free of toxic, very toxic, carcinogenic, mutagenic or teratogenic substances. Furthermore there are no substances like halogenated solvents, bio-available carcinogenic amines or polychlorinated phenyls.

Chlorinated compounds:

This product is free of PVC and PVDC.

ESBO:

This product is free of epoxidized soy bean oil or –derivates.

Glycoether:

This product is free of glycoether. Following substances are not contained:

- EGDME (Ethylene glycol dimethyl ether CAS-Nr. 110-71-4)
- EGEE (Ethylene glycol ethyl ether CAS-Nr. 110-80-5)
- EGEEA (Ethylene glycol ethyl ether acetate CAS-Nr. 111-15-9)
- EGME (Ethylene glycol methyl ether CAS-Nr. 109-86-4)
- EGMEA (Ethylene glycol methyl ether acetate CAS-Nr. 110-49-6)
- DEGDME (Diethylene glycol dimethyl ether CAS-Nr. 111-96-6)
- DEGME (Diethylene glycol methyl ether CAS-Nr. 111-77-3)
- TEGDME (Triethylene glycol dimethyl ether CAS-Nr. 112-49-2)
- 1PG2ME (1-Propylene glycol-2-methyl ether CAS-Nr. 1589-47-5)
- 1PG2MEA (1-Propylene glycol-2-methyl etheracetate CAS-Nr. 70657-70-4)

Our written and verbal technical support is based on our latest state of knowledge, experiences and laws. This quality is for the use according to our technical data sheet only. The application, utilization and processing of this quality is beyond our control and therefore explicitly in the responsibility of the user. The use for other application fields as mentioned in the technical data sheet, the processor is responsible for the adherence of possible legal regulations.

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Phenyls:

This product is free of:

Polybromated biphenyls (PBB) Polybromated diphenylethers (PBDE)
Polychlorated biphenyls (PCB)

Photo-initiators:

This product is free of ITX (Isopropyl-thioxanthone) and TAA (Thioacetamide), more precisely:

- 2-Isopropyl-thioxanthone, CAS-Nr. 5495-84-1
- Isopropyl-thioxanthone (mixture of 2- and 4-isomers), CAS-Nr. 83846-86-0
- Thioacetamide, CAS-Nr. 62-55-5

Phthalates:

This product is free of phthalate plasticizers. Following substances are not contained:

| | | |
|-------------------------------|--------------------------|------------------------------|
| Diethylhexylphthalate (DEHP) | Dibutylphthalate (DBP) | Di-iso-decylphthalate (DIDP) |
| Di-iso-nonylphthalate (DINP) | Diethylphthalate (DEP) | Benzylbutylphthalate (BBP) |
| Di-n-octylphthalate (DNOP) | Dimethylphthalate (DMEP) | Dipentylphthalate (DnPP) |
| Di(isopentyl)phthalate (DiPP) | | |

Restriction of hazardous substances - RoHS (2002/95/EC):

This product is free of lead, mercury, cadmium, hexavalent chromium, PBB, PBDE and complies with the legal requirements of RoHS (2002/95/EC).

Tin compounds:

This product is free of tin compounds. Following substances are not contained:

- Monobutyltin (MBT) Dibutyltin (DBT) - Tributyltin (TBT)

The nonexistence of contents materials, is based on the newest conditions of our realizations and experiences. The presence of slight traces of these materials, through bring in in raw materials can be excluded not completely.

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Food regulation status:

This product is produced in accordance with the European requirements on food safety and hygiene 852/2004/EC und 178/2002/EC (incl. amendments).

After adequate and orderly drying according to our technical datasheet, the dry film is compliant with following food regulations

| | | |
|----|--------------|-----------|
| EU | 1935/2004/EC | compliant |
|----|--------------|-----------|

| | | |
|-----|---------|-----------|
| FDA | 175.300 | compliant |
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This document supersedes any previous certificates, statements and attestations.



Gerhard Passenegg

R & D – Director



Carmen Zanghellini-Pfeiffer

Head of product safety

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