

Declaration of non use of

Ortho-phthalates

In the manufacture of **all** products supplied by Siegwerk, **all ortho-phthalate ester plasticizers** ("phthalates"), or raw materials containing ortho-phthalates are **banned**.

As such, the presence of the following prominent examples of ortho-phthalates are excluded:

- Di-n-butylphthalate (DBP), CAS 84-74-2
- Di-isobutylphthalate (DIBP), CAS 84-69-5
- Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP (also called „DOP“), CAS 117-81-7
- Benzylbutylphthalate (BBP), CAS 85-68-7
- Bis(2-Methoxyethyl) phthalate, CAS 117-82-8
- Dimethyl phthalate (DMP), CAS 131-11-3
- Diethyl phthalate (DEP), CAS 84-66-2
- Di-n-propyl phthalate (DPP), CAS 131-16-8
- Di-n-pentyl phthalate (DNPP), CAS 131-18-0
- 1,2-benzenedicarboxylic acid, dipentylester, branched and linear (mixture of N-pentyl-isopentylphthalate, di-n-pentyl phthalate; diisopentylphthalate) , CAS 84777-06-0
- N-Pentyl-isopentylphthalate CAS 776297-69-9
- Di-n-hexyl phthalate (DNHP), CAS 84-75-3
- 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich, CAS 71888-89-6
- 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters, CAS 68515-42-4
- Dicyclohexyl phthalate (DCHP, DCP), CAS 84-61-7
- Di-n-octyl phthalate (DNOP), CAS 117-84-0
- Di-iso-pentyl phthalate (DIPP), CAS 605-50-5
- Di-iso-octyl phthalate (DIOP), CAS 27554-26-3
- Di-2-propyl heptyl phthalate (DPHP), CAS 53306-54-0
- Phthalic acid, diesters with saturated C8-C10 branched alcohols, more than 60% C9, CAS 68515-48-0
- Phthalic acid, diesters with primary, saturated C9-C11 alcohols more than 90 % C10, CAS 68515-49-1
- Di-iso-nonyl phthalate (DINP), CAS 28553-12-0
- Di-n-nonyl phthalate (DNP), CAS 84-76-4
- Di-iso-decyl phthalate (DIDP), CAS 26761-40-0
- [Phthalato(2-)]dioxotrilead (dibasic lead phthalate), CAS 69011-06-9

However, as ortho-phthalates have been extensively used in many materials and articles in the past, they may still be used in some areas in the chemical industry worldwide (e.g. chemicals, materials, equipment). Therefore, the presence of unintentional traces of ortho-phthalates in the product in the range of up to few ppm, coming from raw material impurities, from the process or as adventitious contaminants - cannot be fully excluded.

The information in this document reflects Siegwerk's policy and commitments. This statement is valid without signature.