

TECHNICAL DATASHEET

Method Summary:

Gel-Pak materials used for the manufacture of the following product lines: Gel-Box (AD Series), Gel-Tray (BD, BM Series), Gel-Slide (CD Series), Vacuum Release Products (VR Series), Gel-Film (WF, PF, LF, DGL), M-Gel, Membrane Box, Poron Pad, Foam, Clips, and Accessories were tested for all REACH Substances.

Test Method:

RSTS-EE-SVHC-003, RSTS-EE-SVHC-004, RSTS-EE-SVHC-006
Analyzed by ICP-AES, UV-VIS, GC/MS, LC/MS, and GC/FPD.

Test Results:

Substance Name	Result	RL
Anthracene (CAS No.:120-12-7)	n.d.	0.005
4,4' - Diaminodiphenylmethane (CAS No.: 101-77-9)	n.d.	0.005
DBP (Dibutyl phthalate) (CAS No.: 84-74-2)	n.d.	0.005
BBP (benzyl butyl phthalate) (CAS No.: 85-68-7)	n.d.	0.005
Bis (2-ethyl(hexyl)phthalate) (DEHP) (CAS No.: 117-81-7)	n.d.	0.005
5-tert-butyl-2,4,6-trinitro- m-xylene (Musk Xylene) (CAS No.:81-15-2)	n.d.	0.005
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α- HBCDD, β- HBCDD, γ-HBCDD) (CAS No.: 25637-99-4 and 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8))	n.d.	0.005
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (CAS No.: 85535-84-8)	n.d.	0.01
Bis(tributyltin)oxide (CAS No.: 56-35-9)	n.d.	-
Cobalt dichloride (CAS No.: 7646-79-9)	n.d.	0.05
Lead hydrogen arsenate (CAS No.: 7784-40-9)	n.d.	-
Sodium chromate (CAS No.: 10588-01-9, 7789-12-0(*))	n.d.	-
Ammonium dichromate (CAS No.: 7789-09-5)	n.d.	-
Potassium dichromate (CAS No.:7778-50-9)	n.d.	-
Potassium chromate (CAS No.:7789-00-6)	n.d.	-

Substance Name	Result	RL
Sodium dichromate (CAS No.: 10588-01-9, 7789-12-0(*))	n.d.	-
Chromium trioxide (CAS No.: 1333-82-0)	n.d.	-
Acids generated from chromium trioxide and their oligomers: Chromic acid*** (CAS NO.: 7738-94-5)	n.d.	-
Acids generated from chromium trioxide and their oligomers: Dichromic acid*** (CAS NO.: 13530-68-2)	n.d.	-
Acids generated from chromium trioxide and their oligomers: Oligomers of chromic acid and dichromic acid	n.d.	-
Strontium Chromate (CAS No.: 7789-06-02)	n.d.	-
Anthracene oil (CAS No.: 90640-80-5)	n.d.	-
Anthracene oil, anthracene paste, distn. Lights (CAS No.: 91995-17-4)	n.d.	0.05
Anthracene oil, anthracene paste, anthracene fraction (CAS No.: 91995-15-2)	n.d.	0.05
Anthracene oil, anthracene-low (CAS No.: 90640-82-7)	n.d.	0.05
Anthracene oil, anthracene paste (CAS No.: 90640-81-6)	n.d.	0.05
Pitch coal tar, high temp. (CAS No.: 65996-93-2)	n.d.	0.05
Aluminosilicate, Refractory Ceramic Fibres	n.d.	0.05
Zirconia Aluminosilicate, Refractory, Ceramic Fibres	n.d.	0.05
DIBP (Di-isobutyl phthalate) (CAS No.: 84-69-5)	n.d.	0.005
2,4-Dinitrotoluene (CAS No.: 121-14-2)	n.d.	0.005
Tris(2-chloroethyl) phosphate (TCEP) (CAS No.: 115-96-8)	n.d.	0.005
Lead chromate (CAS No.: 7758-97-6)	n.d.	0.01
Lead chromate molybdate sulphate red (C.I. Pigment Yellow 34) (CAS No.: 12656-85-8)	n.d.	0.01
Lead sulfochromate yellow (C.I. Pigment Yellow 34) (CAS No.: 1344-37-2)	n.d.	0.01
Acrylamide (CAS No.: 79-06-1)	n.d.	0.005
Trichloroethylene (CAS No.: 79-06-1)	n.d.	0.005
Cobalt(II) sulphate (CAS No.: 10124-43-3)	n.d.	-
Cobalt(II) dinitrate (CAS No.: 10141-05-6)	n.d.	-
Cobalt(II) carbonate (CAS No.: 513-79-1)	n.d.	-
Cobalt(II) diacetate (CAS No.: 71-48-7)	n.d.	-
2-Mehtoxyethanol (CAS No.: 109-86-4)	n.d.	0.005

Substance Name	Result	RL
2-Ethoxyethanol (CAS No.: 110-80-5)	n.d.	0.005
Diarsenic pentaoxide (CAS No.: 1303-28-2)	n.d.	-
Diarsenic trioxide (CAS No.: 1327-53-3)	n.d.	-
Triethyl arsenate (CAS No.: 15606-95-8)	n.d.	-
Boric acid (CAS No.: 10043-35-3; 11113-50-1)	n.d.	-
Disodium tetraborate, anhydrous (CAS No.: 1303-96-4, 1330-43-4, 12179-04-3)	n.d.	-
Tetraboron disodium heptaoxide, hydrate (CAS No.: 12267-73-1)(*2)	n.d.	-
2-Ethoxyethanol (CAS No.: 111-15-9)	n.d.	0.05
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (CAS No.: 68515-42-4)	n.d.	0.05
Hydrazine (CAS No.: 7803-57-8; 302-01-2)	n.d.	0.05
1-methyl-2-pyrrolidone (CAS No.: 872-50-4)	n.d.	0.05
1,2,3-trichloropropane (CAS no.: 96-18-4)	n.d.	0.05
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (CAS No.: 71888-89-6)	n.d.	0.05
Tributyl Tin (TBT) (CAS No.: 688-73-3)	n.d.	0.005%
Lead (Pb)	n.d.	0.005%
Hexavalent chromium Cr(VI)	n.d.	0.005%
Cobalt (Co)	n.d.	0.005%
Arsenic (As) (Note*)	n.d.	0.005%
Boron (B) (Note*)	n.d.	0.005%

Note:

n.d. = not detected (below Reporting Limit)

RL = Reporting Limit

" - " = Not Regulated

Note * = Extracted soluble Boron / Arsenic are detected by ICP-AES

Results Summary:

The Gel-Pak Gel-Box (AD Series), Gel-Tray (BD, BM Series), Gel-Slide (CD Series), Vacuum Release Products (VR Series), Gel-Film (WF, PF, LF, DGL), M-Gel, Membrane Box, Poron Pad, Foam, and Clip were tested and **do not contain any detectable level of the REACH Substances as of November 2011.**