



## Updates for New Balance Restricted Substances Manual 9.0

Below highlights are the revision from the version 8.0 to 9.0

### General Content Changes

1	Name of Manual revised	Cover page
2	NB signees of letter to suppliers updated	Inside of cover page
3	Corporate requirements updated	Page 2-3
4	Approved laboratory locations updated	Page 6-7
5	Added flow charts for identified Group A and B substances	Page 21
6	Added NB policy of Conflict Minerals	Page 28
7	Added NB policy on Uzbekistan cotton	Page 29
8	Added resources for adopting green chemistry principles	Page 30
9	Added and removed an alternative substance	Pages 31-3
10	Added list of approved PVC/phthalate-free printing inks for footwear	Page 34
11	Updated PAH test requirement to all polymer materials	Page 36

### RSL for Finished Products Changes

Restricted Item	Page	RSM 8.0	RSM 9.0	Reason
Asbestos	10	NB limit: Not detected	NB limit: Prohibited	
Dye- Azo	12	Regulation: TaiWan Regulations was not in list	Regulation: Added TaiWan Regulations	As one of key sales regions, Taiwan has strict restrictions on Azo dyes.
Flame Retardants	13-14	9 Flame Retardants were included.	11 flame retardants are included. New additions: - Tris(1,3-dichloro-2-propyl) phosphate (TDCPP/TDCP) (CAS No.: 13674-87-8) - Tris(1-chloro-2-propyl) phosphate (TCPP) (CAS No.: 13674-84-5)	NB RSM is updated to comply with regulations: - TDCPP banned in the State of Vermont, USA with limit of 0.1% in residential upholstered furniture and products for children under 12, effective date is Jan 1st, 2014. TCPP is proposed to ban with TDCPP - TDCP/TDCPP and TCPP are proposed to ban in any products for children under 3 years by the State of Connecticut, USA from Oct 1, 2014
	14	NB Limit: No limit on TDCP/TDCPP, TCPP	NB Limit: - Tris(1,3-dichloro-2-propyl) phosphate (TDCPP/TDCP) (CAS No.: 13674-87-8): 1000 mg/kg - Tris(1-chloro-2-propyl) phosphate (TCPP) (CAS No.: 13674-84-5): Data Collecting	
	14	Regulation	Regulation: Added: EU EC (No.) 850/2004	
Formaldehyde	15	NB Limit:	NB Limit:	SCCP is banned in POP Regulation and removed from REACH Annex XVII (Regulation (EU) No. 126/2013) Updated test method to achieve lower MDL

		Children: 20 mg/kg	Children: 16 mg/kg	
	15	Regulation: Taiwan Regulations was not in list.	Regulation: Added Taiwan Regulations	As one of key sales regions, TaiWan has strict restrictions (Not Detected) on Formaldehyde
Nickel Release	15	Test Methods: Qualitative test according to PD CR 12471:2006 Screening of Nickel Release. For positive results, confirmation according to: Nickel release: EN 1811:2011 Abrasion of coated items: EN 12472:2006.	Test Methods: Qualitative test according to PD CR 12471:2002 Screening of Nickel Release. For positive results, confirmation according to: Nickel release: EN 1811:2011 / AC:2012 Abrasion of coated items: EN 12472:2005+A1:2009.	Corrected test methods
Pesticides	16	34 Pesticides were included	40 pesticides are included. New additions: - Halogenated naphthalenes, Various - Halogenated diarylalkanes, Various - Halogenated diphenyl methanes, N/A - Monomethyl-dibromodiphenyl methane, 99688-47-8 - Monomethyl-dichlorodiphenyl, 81161-70-8 - Monomethyl-tetrachlorodiphenyl methane, 76253-60-6	NB RSM is updated to comply with regulations: The 6 new added Pesticides are restricted in Prohibition of Certain Toxic Substances Regulations 2012 (SOR/2012-285)
PFOS/PFOA	18	PFOS/PFOA	Revision: Perflourinated Chemicals (PFCs)	Restricted substance name corrected to Perflourinated Chemicals (PFCs)
	18	PFOS/PFOA	PFOS/PFOA/APFO: New add: - Ammoniumpentadecafluorootanoate (APFO) (CAS No.: 3825-26-1)	APFO has been added to SVHC candidate list.
Phthalates	18	11 phthalates were included	17 Phthalates are included. New additions: - 131-18-0, Dipentyl phthalate (DPP) - 605-50-5, Diisopentylphthalate (DIPP) - 84777-06-0, 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear - 776297-69-9, N-pentyl-isopentylphthalate (NPIPP) - 131-11-3, Dimethyl phthalate (DMP) - 84-66-2, Diethyl phthalate (DEP)	NB RSM is updated to comply with regulations: - DPP/DIPP/NPIPP/ 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear were added in SVHC candidate list under EU REACH - DMP/DEP were banned in Taiwan CNS 15503 for children's products with limit of 0.1% in sum
Total Heavy Metals	19	5 Heavy Metals were included	5 Heavy Metals were included. New additions: - Barium, 7440-39-3 - Selenium, 7782-49-2 - Sannum / Tin, 7440-31-5  Removed:	NB RSM is updated to comply with regulations: Barium and Selenium are restricted in - Egypt: ES 7322/2011 - footwear products for children less than 36 months, size 26 and less - Taiwan: CNS 15503 - children's products up to age 14

			- Chromium (Cr), 7440-47-3 - Zinc (Zn), 7440-66-6	
		NB Limit: No request on new adds	NB Limit: - Barium, 7440-39-3: Data collecting - Selenium, 7782-49-2: Data collecting - Sannum / Tin, 7440-31-5, Data collecting	
		Regulation	Regulation: New addition: - Egypt: ES 7322/2011 - Taiwan regulations	
Volatile Organic Compounds (VOC)	19	18 VOCs were included	19 VOCs are included. New addition: - Pentachloroethane, 76-01-7	NB RSM is updated to comply with regulations: Pentachloroethane is restricted in Germany's Prohibition of Chemicals Ordinance and EU REACH Regulation (EC) No. 1907/2006 Annex XVII (Restriction applies to substances and mixtures)

#### **MRS L Changes**

<b>Restricted Item</b>	<b>Page</b>	<b>RSM 8.0</b>	<b>RSM 9.0</b>	<b>Reason</b>
Chlorobenzene, 108-90-7	22	Not included	New addition to Group A	
Dichlorobenzene, Various	22	Not included	New addition to Group A	
Imidazolidine-2-thione, 96-45-7	23	Not included	New addition to Group A	NB RSM is updated to comply with regulation: Imidazolidine-2-thione has been added to REACH SVHC list
Pentachloroethane, 76-01-7	23	Not included	New addition to Group A	NB RSM is updated to comply with regulations: Pentachloroethane is restricted in Germany's Prohibition of Chemicals Ordinance and EU REACH Regulation (EC) No. 1907/2006 Annex XVII (Restriction applies to substances and mixtures)
Tetrahydrofuran (THF), 109-99-9	23	Not included	New added into Group A	NB RSM is updated to comply with regulations: - On July 10, 2012 revisions to THF's classification and labeling were published with new adding of 'H351 – Suspected of causing cancer' hazard statement and an additional hazard pictogram (GHS08) - THF is classified as CMR under EU new toy safety directive
Trixylyl phosphate, 25155-23-1	23	Not included	New added into Group A	NB RSM is updated to comply with regulation: Trixylyl phosphate has been added to REACH SVHC list