

NEW BALANCE RESTRICTED SUBSTANCES MANUAL UPDATES - RSM 12.0

GENERAL CONTENT CHANGES/CORRECTIONS				
Page No.	Section	RSM 11.0	Change/Correction Made in RSM 12.0	
3	RSM Implementation, testing and audit requirements	-	Updated sub-sections on footwear, apparel and equipment material testing, including revisions to flow charts	
12	Approved laboratories	Lab approved for equipment testing: SGS	Added BV to labs approved for equipment testing	
13	Approved laboratory locations	-	Updated contact information of BV & SGS locations	
33	MRSL non-compliance flow chart	-	Flow chart revised	
37	RSL online training	-	Added RSL online training for suppliers	
43-45	Material RSL test package requirements	-	Material RSL test package requirements for footwear, apparel & equipment updated	
RSL FOR FINISHED PRODUCT CHANGES				
Page	Restricted Item	RSM 11.0	RSM 12.0	Reason(s)
19	Acetophenone and 2-Phenyl-2-Propanol	-	Added acetophenone and 2-phenyl-2-propanol	Added to align with other brands within industry
19	AP & APEOs	Test method: Textile/Leather: Methanol extraction (70°, 60 mins), analysis by GC-MS or LC-MS Others: THF extraction (70°, 60 mins), ACN precipitation, analysis by GC-MS or LC-MS	Test method: Textile: EN ISO 18254-1:2016 with determination of AP using LC/MS or GC/MS Leather: EN ISO 18218-1:2015 Others: THF extraction (70°, 60 mins), ACN precipitation, analysis by GC-MS or LC-MS	Test method revised
19	Asbestos	-	Moved to Appendix 4 of Manual	-
19	Bisphenol A	Test method: DCM/Acetone/ACN or THF/ACN/ACN: Water extraction, analysis by LC-MS.	Test method: Sample preparation: Extraction: 1 g sample/20 ml methanol, sonication for 60 minutes at 70 degrees C Measurement: DIN EN ISO 18857-2 (mod)	Test method revised
20	Chlorinated phenols	TeCP limits: Children - 0.05 mg/kg (sum of all isomers) Adult - 0.5 mg/kg (sum of all isomers)	TeCP limit: Children & adult - 0.5 mg/kg (sum of all isomers)	Revised limits to align with other brands within industry
20		PCP limits: Children - 0.05 mg/kg (sum of all isomers) Adult - 0.5 mg/kg (sum of all isomers)	PCP limit: Children & adult - 0.5 mg/kg (sum of all isomers)	Revised limits to align with other brands within industry
20		Mono-, di- & trichlorinated phenols limits: Children - 0.2 mg/kg (sum of all isomers) Adult - 2 mg/kg (sum of all isomers)	Mono-, di- & trichlorinated phenols limits: Children & adult - 0.5 mg/kg (sum of all isomers)	Revised limits to align with other brands within industry
20		Test method: LFGB § 64 BVL B 82.02.08:2001, Analysis by GC-MS	Test method: KOH extraction, 12-15 hours at 90 degrees C, derivatization and analysis § 64 LFGB B 82.02-08 or DIN EN ISO 17070:2015.	Test method revised
20	Chlororganic carriers	-	Added 24 substances	REACH regulation & Oeko Test Standard 100
21	Chromium (VI)	Test method: EN ISO 17075:2007	Test method: EN ISO 17075:2015	Test method revised
21	Dimethyl formamide (DMF)	Test item as part of VOC group	Added as a stand alone test item for data collection in materials	REACH regulation
21	Dimethyl fumarate (DMFu)	Test method: Extract with Organic solvent, and analysis by GC-MS.	Test method: CEN ISO/TS 16186:2012	Test method revised
21	Dioxin & furans	-	Moved to Appendix 4 of Manual	-
21	Dyes, azo	Test method: Textile: EN 14362-1:2012 4-Amino-azobenzene Confirmation: Textile: EN 14362-3:2012	Test method: Textile: EN 14362-1:2015 4-Amino-azobenzene Confirmation: Textile: EN 14362-3:2015	Test method revised
22	Dye, blue colorant	Test method: Methanol extraction and LC-MS analysis.	Test method: DIN 54231:2005	Test method revised
22	Dye, carcinogenic	Limit: 5 mg/L (in extract) for each dye	Limit: 75 mg/kg each	Revised limit
22		Test method: DIN 54231:2005	Test method: DIN 54231:2005/Total digestion, analysis by ICP-OES or ICP-MS.	Test method revised
22		Listed 12 substances	Added 7 new substances (information only)	Added to align with other brands within industry
23	Dye, disperse	Limit: 5 mg/L (in extract) for each dye	Limit: 75 mg/kg each	Revised limit
23		Test method: Modification on DIN 54231:2005	Test method: DIN 54231:2005	Test method revised
23		Listed 22 substances	Added 3 new substances (information only)	Added to align with other brands within industry
24	Flame retardants	Listed 10 substances	Added 4 new substances	Added to align with other brands within industry
25	Fluorinated greenhouse gases	-	Moved to Appendix 4 of Manual	-
25	Halogenated biphenyls & terphenyls	-	Moved to Appendix 4 of Manual	-
25	Heavy metals, extractable	Arsenic limits: Children - 0.2 mg/kg Adult - 1 mg/kg	Arsenic limits: Children & adult - 0.2 mg/kg	Revised limits to align with other brands within industry
25		Chromium limits: Children - 1 mg/kg Adult - 2 mg/kg	Chromium limits: Children & adult - 1 mg/kg	Revised limits to align with other brands within industry
25		Cobalt limits: Children - 1 mg/kg Adult - 4 mg/kg	Cobalt limits: Children & adult - 1 mg/kg	Revised limits to align with other brands within industry
25		Copper limits: Children - 25 mg/kg Adult - 50 mg/kg	Copper limits: Children & adult - 25 mg/kg	Revised limits to align with other brands within industry
26	Heavy metals, total	Listed 6 substances	Added 3 new substances (data collection)	-
27	Nickel release	Test method: EN 1811:2011 + A1:2015	Test method: EN 1811:2015	Test method revised
27	Odor test	-	Removed	-
27	Organotin compounds	Listed 5 substances	Added 1 new substance	Added to align with other brands within industry
27	Ortho-phenylphenol	Test method: Modification on ISO 17353:2004: Ethanol extraction, derivitization and analysis by GC-MS.	Test method: CEN ISO/TS 16179: 2012.	Test method revised
28	Ortho-phenylphenol	-	Added ortho-phenylphenol	Added to align with other brands within industry
28	Perfluorinated chemicals (PFCs)	Test method: Methanol extraction, Analysis by LC-MS	Test method: CEN/TS 15968:2014	Test method revised
28	Pesticides	-	Moved to Appendix 4 of Manual. Added new substances	Added to align with other brands within industry
28	Phthalates	Limits: Children - 500 mg/kg (sum of 19) Adult - 1000 mg/kg (sum of 19)	Limits: Children & adult - 500 mg/kg (sum of 19)	Revised limits to align with other brands within industry
30	pH-value	-	Removed	-
30	Styrene	-	Added styrene	US State legislations
30	Volatile Organic Compounds (VOC)	Listed 14 substances	Added 8 new substances	Added to align with other brands within industry