

South Korea Amends Common Safety Standard for Children's Products

The Korean Ministry of Trade, Industry and Energy (MOTIE) announced to revise its "Common Safety Standard for Children's Products". This revision included the new nitrosamine and nitrosatable requirements on children's products intended to be placed in the mouth or mouthpieces of children's products. In addition, the requirement of 6 phthalates is amended to apply on all synthetic resin products, including coatings on textile or leather, irrespective of whether they are intended to be mouthed.



Major Changes in Chemical Requirement

1. New restriction of n-nitrosamines and n-nitrosatable substances in children's products intended to be placed in the mouth such as pacifiers, teethingers, toothbrushes and balloons, and mouthpieces of children's products

Substances		Limits
N-nitrosamines	N-nitrosodimethylamine, CAS no. 62-75-9	$\leq 0.01 \text{ mg/kg}^1 /$ $\leq 0.05 \text{ mg/kg}^2$ (sum)
	N-nitrosodiethylamine, CAS no. 55-18-5	
	N-nitrosodi-n-propylamine, CAS no. 621-64-7	
	N-nitrosodi-n-butylamine, CAS no. 924-16-3	
	N-nitrosopiperidine, CAS no. 100-75-4	
	N-nitrosopyrrolidine, CAS no. 930-55-2	
N-nitrosatable substances	N-nitrosomorpholine, CAS no. 59-89-2	$\leq 0.1 \text{ mg/kg}^1 /$ $\leq 1.0 \text{ mg/kg}^2$ (sum)
	N-nitrosodimethylamine, CAS no. 62-75-9	
	N-nitrosodiethylamine, CAS no. 55-18-5	
	N-nitrosodi-n-propylamine, CAS no. 621-64-7	
	N-nitrosodi-n-butylamine, CAS no. 924-16-3	
	N-nitrosopiperidine, CAS no. 100-75-4	
N-nitrosopyrrolidine, CAS no. 930-55-2		
N-nitrosomorpholine, CAS no. 59-89-2		

Remark

- 1) Applied to the elastomer of children's products under 36 months of age intended for use in the mouth (e.g. baby soother nipples, teethingers, toothbrush, etc.)
- 2) Applied to the elastomer of children's products under 36 months of age not falling under remark 1) and elastomers of children's products over 36 months of age intended for use in the mouth (e.g. mouthpiece, balloon, etc.)

- Effective date: Dec 5, 2020

2. The scope of six phthalates is extended to cover all synthetic resin products, irrespective of whether they are intended to be mouthed, including coatings on textile or leather.

Substances	Limits
DEHP, DBP, BBP, DINP, DIDP, DnOP	$\leq 0.1\%$ (sum)

- Effective date: Jun 4, 2020

3. The total lead content limit shall be reduced from 300 mg/kg to 100 mg/kg

- Effective date: Dec 5, 2020

Additional Information:

Ministry of Trade, Industry and Energy Notice no. 2019-0201 (In Korean):

https://www.motie.go.kr/motie/in/ay/policynotify/notify/bbs/bbsView.do?bbs_seq_n=63555&bbs_cd_n=5

How Does this Impact You? Contact Us to Discuss

If you have any questions regarding these requirements, please contact your customer service representative.

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