



MATERIAL SELECTION

What's the most important part of creating a toy? Making sure it's safe for children everywhere. Material selection is the first step in ensuring product safety and quality.

Our Product Safety and Quality team conducts a comprehensive chemical safety assessment and reviews Bills of Substances (i.e., material ingredients) for all new materials, gathering detailed information about their composition and comparing that to an internal restricted substances list that reflects worldwide chemical regulations. This enables us to be confident that the materials used in our toys do not contain any restricted substance or violate any chemical regulations in the countries in which our toys are sold. Below is a list of materials that we monitor, limit or simply don't allow in our toys.

BPA

In toys, Bisphenol A, also known as BPA, is most often found in polycarbonate. We've set a standard that polycarbonate will not be used in any product intended to be mouthed or to touch food.

Flame retardants

Mattel does not add chemicals to its products as flame retardants except when required by law. For example, some electronic components and some products destined for specific markets (outside of North America) need to have flame retardants added in order to meet regulatory requirements.

We have committed not to use any of these flame retardants in any of our products:

- Tris (2,3-dibromopropyl) phosphate
- Tris (aziridiny) phosphin oxide
- Tri-o-cresyl phosphate
- Tris (2-chloroethyl) phosphate (TCEP)
- Tris(2-chloro-1-methylethyl) phosphate (TCPP)
- Tris (1,3-Dichloro-2-propyl) phosphate (TDCPP)
- Polybrominated-biphenyls (PBBs)
- Polybrominated-biphenyl ethers (PBDEs)
- Polychlorinated terphenyls (PCTs)
- 2-ethylhexyl-2,3,4,5
- Bis(2-ethylhexyl) tetrabromophthalate
- Hexabromocyclododecane
- Octabromodiphenyl ether
- Pentabromodiphenyl ether
- Antimony trioxide
- Short-chain chlorinated paraffins (SCCPs)

- 2-ethylhexyl-2,3,4,5 tetrabromobenzoate (TBB)
- Bis(2-ethylhexyl) tetrabromophthalate (TBPH)
- Bis(chloromethyl) propane-1,3-diyltetrakis (2-chloroethyl) bisphosphate or Phosphoric acid,P,P'[2,2-bis(chloromethyl)- 1,3-propanediyl]P,P',P'-tetrakis(2-chloroethyl) ester (V6)
- Isopropylated triphenyl phosphate (IPTPP)
- Decabrom-odiphenylethane (DBDPE)
- Triphenyl phosphate (TPP)
- Tris(2-ethylhexyl) phosphate (TEHP)
- Tetrabromobisphenol A (TBBPA)

Latex

Select Fisher-Price products, such as baby bottle nipples, pacifiers and teethers, contain latex. We clearly label the packages for these products in case latex allergies are an issue for consumers or their babies. We do not label packages for products that have *enclosed* latex parts, such as that found in elastic cords, since enclosed latex has not been shown to cause allergic reactions.

Lead

We are fully compliant with all applicable standards in the countries in which our toys are sold related to safe levels of lead in products for children. We have set strict limits on suppliers and regularly test for compliance using world-class equipment.

Phthalates

We follow all phthalate legislation in the countries in which our toys are sold and require that all of our owned and operated manufacturing plants, as well as our third-party finished toy manufacturing companies, use a phthalate alternative when molding plastic parts for our products.

We do not allow these phthalates to be used in any accessible part of our products:

- Di (2-Ethylhexyl) Phthalate (DEHP)
- Benzyl butyl Phthalate (BBP)
- Dibutyl Phthalate (DBP)
- di-“isodecyl” phthalate (DIDP)
- di-n-hexyl phthalate (DnHP)
- di-“isononyl” phthalate (DINP)
- di-n-hexyl phthalate (DnHP)
- Diisobutyl phthalate (DiBP)
- Di-n-pentyl phthalate (DPP/DPENP)
- Dicyclohexyl phthalates (DCHP)
- Dimethyl phthalate (DMP)
- Diethyl phthalate (DEP)
- Bis(2-methoxyethyl) phthalate
- Diisopentylphthalate (DIPP)
- N-pentyl-isopentylphthalate
- Dipentyl phthalate (DPP)

- 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate (EC No. 201-559-5)

PVC

As one of the most highly tested plastics in the world, PVC meets international standards for safety and health. We do not allow our suppliers to add lead to the PVC they are providing for our products, and we regularly test for their compliance. We are eliminating the use of PVC in our packaging, though, since PVC is recycled in low quantities. By removing it, this also eliminates the possibility it could be confused with PET and inadvertently contaminate the PET recycle stream.

Polycyclic-Aromatic Hydrocarbons (PAH)

Certain polycyclic-aromatic hydrocarbons (PAHs) have been identified as hazardous to human health and are banned by REACH (Annex XVII). We periodically sample our materials and test for the presence of PAHs to ensure compliance with the REACH requirements.

Substances of Very High Concern (SVHC)

While the REACH regulation in Europe allows manufacturers to use substances of very high concern, we don't use them. We monitor the list of SVHCs and review all material ingredients to ensure that no articles in our products contain more than 0.1% of any SVHC.