

## Detailed Results of Phthalate Testing in Children's Toys



Manufacturers add phthalates to plastic products such as rubber duckies, teething rings, and bath toys to make them soft and flexible. But phthalates have unintended consequences: studies have proven that phthalates cause premature birth and reproductive harm, such as sperm damage and reduced testosterone. Since 2005 governments around the world began to legislate the removal of six phthalates from toys. After San Francisco adopted the Healthy Products, Healthy Children Ordinance which banned the sale, manufacture, and distribution of children's products that contained the six phthalates, California passed a similar ban (AB 1108) in 2007. Inspired by California's

Although Federal law bans six phthalates, the bill makes a slight distinction between them based on the need for further research. While three of the phthalates are permanently banned, (DEHP, DBP, BBP), the rest (DINP, DNOP, DIDP) are under an interim ban pending further studies. In San Francisco and CA, we've tested dozens of toys to find out which toys are in compliance with Federal law and what phthalates they contain. To learn more, visit [www.SFEnvironment.org/toxic toys](http://www.SFEnvironment.org/toxic toys).

Testing completed at DTSC, Berkeley Laboratory

Date: August 2008

Toy	Toy Description	Manufacturer	Testing Results		
			Contains phthalates? (0.1%= 1000 ppm)	Permanent Ban	Interim Ban
	Sponge Bob Orange Lifesaver	Munchkin	<b>YES</b> 2.3% DnOP	<b>Yes</b>	---
	Smiling Screwdriver (purple) from HandyManny Tool Set	Disney	<b>YES</b> 5% DINP .34% DIDP	---	<b>Yes</b>
	Smiling Screwdriver (yellow) from HandyManny Tool Set	Disney	<b>YES</b> 5% DINP .16% DIDP	---	<b>Yes</b>
	Gumby (green)	RJ Croce	<b>YES</b> 48% DINP	---	<b>Yes</b>
	Rubber Duckie (yellow)	Munchkin	<b>YES</b> 1.4% DnOP and .55% DINP	---	<b>Yes</b>

KEY: DBP: Di-n-butyl phthalate || BBP: Benzyl butyl phthalate || DEHP: Di (2-ethylhexyl) phthalate || DnOP: Di-n-octyl phthalate  
DINP: Diisononyl phthalate || DBP: Di-n-butyl phthalate || BBP: Benzyl butyl phthalate || ND: None detected

Toy	Toy Description	Manufacturer	Testing Results		
			Contains phthalates? (0.1%= 1000 ppm)	Permanent Ban	Interim Ban
	Alladin (white outfit)	Disney	<b>YES</b> Head: 1.5% DnOP Boots: 6.7% DnOP	---	<b>Yes</b>
	Mickey Mouse (squeezable, and lying down)	Disney	<b>NO</b>	---	---
	Octopus (brown)	---	<b>YES</b> 70% DINP	---	<b>Yes</b>
	Piggy Wobble Buddies #1 (pink)	Toysmith Group	<b>YES</b> 45% DINP	---	<b>Yes</b>
	Sea Fish Nemo (with orange and white stripes)	Disney	<b>YES</b> Orange: .11% DEHP White: ND	<b>Yes</b>	---
	Thin, Plastic Wall hangings - Green	Alex Tub Joy	<b>YES</b> 18% of DEHP 9.2 % DINP	<b>Yes</b>	---

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			Contains phthalates? (0.1%= 1000 ppm)	Permanent Ban	Interim Ban
	Thin, Plastic Wall hangings - Red	Alex Tub Joy	<b>YES</b> 20% of DEHP 3.5 % of DINP	<b>Yes</b>	---
	Cartoon Star Fish (with towel and green shorts)	Munchkin	<b>YES</b> 2.6% per sample of DnOP	---	<b>No</b>
	Baby Feeding Spoon (blue covering)	Munchkin	<b>NO</b>	---	---
	Teether (clear plastic)	---	<b>NO</b>	---	---
	Wiggly Giggly Ball (green and blue stripes)	Toysmith Group	<b>NO</b>	---	---
	Little Einstein Worm Teether	Disney- Little Einsteins	<b>NO</b>	---	---
	Sponge Bob Blue Raft	Munchkin	<b>YES</b> 2.7% DnOP	---	<b>Yes</b>

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			Contains phthalates? (0.1%= 1000 ppm)	Permanent Ban	Interim Ban
	Octopus (purple)	---	<b>YES</b> 73% DINP 4.1% DIDP	---	<b>Yes</b>
	Piggy Wobble Buddies #2 (pink)	Toysmith Group	<b>YES</b> 41% DINP	---	<b>Yes</b>
	Elephant Bath Jelly (blue)	---	<b>YES</b> .13% DBP .1 % DEHP 43% DINP	<b>Yes</b>	---
	White horse with Green Mane & Tail	Gigo Toy	<b>YES</b> 35 % DINP 3.9 % DIDP	---	<b>Yes</b>
	Purple Horse	Gigo Toy	<b>YES</b> 36 % DINP 4.6 % DIDP	---	<b>Yes</b>
	Baby with Pink Outfit	Small World Toys	<b>YES</b> .22% DINP	---	<b>Yes</b>

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	Pink Part-Sprayer	Small World Toys	NO	---	---
	Clear Pottle with Pink Cap	Small World Toys	NO	---	---
	Two Brown Cats	Littlest Pet Shop	NO	---	---
	Red Car with Blue Windows	Alex Tub Joy	NO	---	---
	Yellow Airplane	Alex Tub Joy	NO	---	---
	Yellow Rubber Duck	---	NO	---	---
	Teething Ball Red Mine	Castle Toy Inc.	NO	---	---

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	Squeeze-A-Bubbles	Nick Jr.	NO	---	---
	Bendable Poky	NJ Croce	YES 65% DINP 0.67% DIDP	---	Yes
	My Little Pony	Hasbro	NO	---	---
	Bath Stickers	Alex (Tub Joy)	YES 17% DEHP 0.22% DnOP 9.2% DINP	Yes	---

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