

Preliminary Analysis of Lead in Paint in Six Asian Countries – October 22, 2013

	Bangladesh (90 paints)	Indonesia (78 paints)	Nepal (49 paints)	Philippines (122 paints)	Sri Lanka (only country with national legislation (94 paints)	Thailand (120 paints)
Majority of paints sampled could not be sold in industrialized countries (greater than 90 ppm, except where noted)	71%	77%	71%	61%	63%	79% greater than 100 ppm
Majority of paints sampled contain high levels (greater than 600 ppm; a standard in many countries)	64%	62%	65%	52%	50%	69%
Many paints sampled had dangerously high lead levels (greater than 10,000 ppm)	28%	33%	29%	39%	25%	40%
Majority of bright colors sampled contained extremely high lead levels (greater than 10,000 ppm)	68% yellow; 9% red	80% orange; 60% yellow	56% of all bright colors	82% orange; 70% yellow	40% of all bright colors	71% of all bright colors
Majority of paint brands sampled sell paints with high lead levels (greater than 90 ppm)	29 of 34 brands	29 of 43 brands	16 of 21 brands	26 of 34 brands	63% of brands greater than 600 ppm	63 of 68 brands
Paints are inadequately or mislabeled	Most cans contain little or no information	Most cans contain little or no information	Most cans contain no label information	Less than half of cans sampled described product composition	Most cans contain little or no information	Half of paints labeled “lead free” had lead content greater than 90 ppm

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Market leaders	Berger +Asian = 66% market share	AKZO Nobel (ICI) +Avian + Nippon = 67% market share	Asian + Berger Jenson = 67% market share	Pacific Paint (Boysen) Philippines Inc. + Charter Chemical and Coating Corporation = 80% market share	AKZO Nobel (ICI); Asian Paints, Causeway, Silicon Coatings, Macksons Lanka	TOA and brands manufactured by TOA + AKZO Nobel (ICI) = 55-69% market share
Most Market Leaders are producing low lead products	All paints from Berger and Asian analyzed contained lead below 90 ppm.	All paints from AKZO Nobel (ICI) contained lead below 600 ppm; 2 of 6 paints had lead levels below 90 ppm. Avian and Nippon paints had both high and low lead content	All paints from Asian and Berger Jenson & Nicholson analyzed contained lead below 90 ppm; Samples from major Nepalese manufacturers (Pashputi, 20% and Nepal Shalimar Paints, 13%) contained lead above 600 ppm	Most paints sampled from Pacific Paint (Boysen)Philippines, Inc. and Charter Chemical and Coating Corporation contained lead below 90 ppm	Paint manufacturers information not available	Paints from TOA and brands manufactured by TOA contained lead levels below 90 ppm, but some brands still contained high lead levels. The two AZKO Nobel (ICI)paints contained lead below 90 ppm