NATIONAL REPORT

LEAD IN NEW ENAMEL HOUSEHOLD PAINTS IN THE PHILIPPINES

November 2013

Eco Waste Coalition

European Union

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a toxics-free future

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Lead in New Enamel Household Paints in the Philippines

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Disclaimer
While this publication has been produced with the assistance of the European Union, the contents of the publication are the sole responsibility of the EcoWaste Coalition together with IPEN and can in no way be taken to reflect the views of the European Union. In addition, this document was produced with financial contributions from the Swedish Environment Protection Agency, Swedish public development co-operation aid through the Swedish Society for Nature Conservation (SSNC). The views herein shall not necessarily be taken to reflect the official opinion of any of these donors, including SSNC or its donors.

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Abbreviations

Organizations and Other Entities

AIHA	American Industrial Hygiene Association
BHDT	Philippine Bureau of Health Devices and Technology
CDC	United States Centers for Disease Control and Prevention
CPSC	United States Consumer Product Safety Commission
DENR	Philippine Department of Environment and Natural Resources
DOH	Philippine Department of Health
DTI	Philippine Department of Trade and Industry
EFSA	European Food Safety Authority
EMB	Philippine Environmental Management Bureau
EPA	United States Environmental Protection Agency
EU	European Union
GAELP	Global Alliance to Eliminate Lead Paint
ICCM	International Conference on Chemicals Management
IPEN	International POPs Elimination Network
NGO	Non-Governmental Organization
NSO	Philippine National Statistics Office
PAPM	Philippine Association of Paint Manufacturers, Inc.
SPIK	Samahan sa Pilipinas ng mga Industriyang Kimika
SSNC	Swedish Society for Nature Conservation
UNEP	United Nations Environmental Programme
WHO	World Health Organization

Technical Terms

AO	Administrative Order
CCO	Chemical Control Order
CPH	Census of Population and Housing
ELPAT	Environmental Lead Proficiency Analytical Testing
HNO_3	Nitric Acid
H_2O_2	Hydrogen Peroxide
ICP-AES	Inductively Coupled Plasma – Atomic Emission Spectrophotometer
LTO	License to Operate
PCL	Priority Chemical List
PNS	Philippine National Standards
ppm	part per million
XRF	X-ray Fluorescence

Lead in New Enamel Household Paints in the Philippines

Foreword

This report presents new data on the lead content of household enamel paints that are offered for sale in the Philippine market. This is the third time that the Ecological Waste Coalition of the Philippines, Inc. (EcoWaste Coalition) has analyzed paints sold in the Philippines for their lead content. Previous studies were conducted in 2008 (25 samples, including 15 enamel paints) and 2010 (35 samples, of which 26 were enamel paints), representing a total of over 15 brands. The studies were conducted to determine the extent of lead paints in local commerce, and determine whether or not policy initiatives to eliminate lead paint are needed. By "lead paint," we mean a product where lead or lead compounds have been added to create a desired color, to make the paint dry fast, or to allow the paint to reduce corrosion on metal surfaces.

In this report, we present and discuss the findings from our latest and most extensive analysis of household enamel paints for lead content and compare these latest results with those from the previous studies. The report describes global efforts to eliminate lead paint, as well as parallel efforts by the Government of the Philippines, local industry and civil society to establish an effective regulation banning or restricting the manufacture, importation, distribution, sale and use of lead paints.

The report presents background information on why the present and former use of household enamel paints with high lead content is a source of serious concern, especially to children's health. It also proposes action steps by different stakeholders to protect children and others from lead paint and lead dust.

The report was prepared by the EcoWaste Coalition with support and assistance from the Asian Lead Paint Elimination Project, which was established to eliminate lead in paint and raise widespread awareness among business entrepreneurs and consumers about the adverse human health impacts of lead-based household enamel paints, particularly on the health of children under six years old.

The Asian Lead Paint Elimination Project is being implemented by IPEN over a period of three years in seven countries (Bangladesh, India, Indonesia, Nepal, Philippines, Sri Lanka and Thailand) with funding from the European Union (EU) totaling €1.4 million. While this publication has been produced with the assistance of the European Union, the contents of the publication are the sole responsibility of the EcoWaste Coalition together with IPEN and can in no way be taken to reflect the views of the European Union. In addition, this document was produced with financial contributions from the Swedish Environment Protection Agency, Swedish public development co-operation aid through the Swedish Society for Nature Conservation (SSNC). The views herein shall not necessarily be taken to reflect the official opinion of any of these donors, including SSNC or its donors.