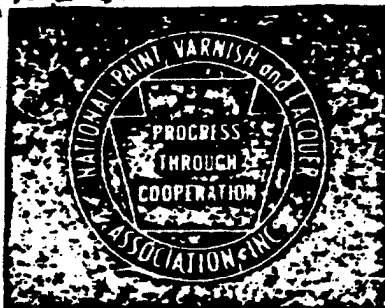




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APPLICATION OF ASA Z66-1964

From reports coming to the Legal Division from the field, there is every indication of widespread misunderstanding of the application of the new Z66-1964 Standards, copy of which is hereto attached.

Time and again requests are made for suppliers to warrant that pigments or other ingredients do not come within any prohibition of the specifications against certain heavy metals in the attached Standard.

Apparently there has been some general misunderstanding between manufacturers and their suppliers on this score. To clarify the matter, this bulletin is being issued with an excerpt from the November 6, 1964 meeting of the American Standards Association, Sectional Committee on Prevention or Control of Hazards to Children, Z66. At that meeting, Mr. Richard J. Eckart, as Chairman of the Subcommittee on Surface Coatings, reported as follows:

"Mr. Eckart reported that Z66.1-1955 had been revised and the revision approved by the ASA on April 29, 1964. Copies had been distributed to all members of the Z66 sectional committee. Mr. Eckart recalled that a pigment manufacturer attempted to manufacture his basic pigments to comply with the requirements of Z66.1-1964. It was agreed that Z66.1-1964 applied only to the final product, i.e. the surface coating (paints) and not to raw unmixed ingredients such as pigments. It was understood that the National Paint, Varnish and Lacquer Association would undertake to advise the pigment industry of this decision on the basis of the above clarification statement." (Emphasis supplied).

The purpose of this bulletin is to acquaint both manufacturers and suppliers with the report above quoted, which met with committee approval, namely, that the Z66 Specifications relate and apply only to the final product - that is, to the surface coating in final form and not to raw materials and ingredients.

AMERICAN STANDARD SPECIFICATIONS
TO MINIMIZE HAZARDS TO CHILDREN FROM
RESIDUAL SURFACE COATING MATERIALS

Approved April 29, 1964
American Standards Association
Incorporated

1. Scope and Purpose

This standard specifies the requirements for coatings such as paints, enamels, lacquers, etc., applied in liquid form, that are deemed suitable from a health standpoint to be used to paint children's toys or furniture or interior surfaces so that the danger of poisoning will be minimized if, by chance, some of the dry coating should be ingested by a child.

2. Specifications

A liquid coating material to be deemed suitable, from a health standpoint, for use on articles such as furniture, toys, etc., or for interior use in dwelling units where the dry film might be ingested by children:

(1) Shall not contain lead compounds of which the lead content (calculated as Pb) is in excess of one per cent of the total weight of the contained solids (including pigments, film solids, and driers);

(2) Shall not contain compounds of antimony, arsenic, cadmium, mercury, or selenium of which the metal content individually or in total (calculated as Sb, As, Cd, Hg, Se, respectively) is in excess of 0.06 percent by weight of the contained solids (including pigments, film solids, and driers);

(3) Shall not contain barium compounds of which the water soluble barium (calculated as Ba) is in excess of one per cent of the total barium in such coatings.

3. Marking

Coatings complying with this standard may be marked: "Conforms to American Standard Z66.1-1964 for use on surfaces which might be chewed by children."

NOTE: Suggested test methods for low concentrations of lead in paint and for the determination of low quantities of mercury in paint are contained in the following ASTM Standards (copies available from American Society for Testing and Materials, 1916 Race Street, Philadelphia, Pa.):

Tentative Method for Determination of Low Concentrations of Lead in Paint, ASTM D 2088-62 T

Tentative Method for Determination of Low Quantities of Mercury in Paint, ASTM D 2206-63 T

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