



## ASTM D-4236 EVALUATION FOR JUMBO CRAYONS

**Company :** Ningbo Home-Dollar Imp.& Exp.Corp.  
69 Guangyuan Road, Jiangbei District, Ningbo,China.

**Date:** May 26, 2022.

**Details of Product:** Description: CJUMBO CRAYONS.  
Reference No(s): G02754T.  
Physical form :solid state.  
Net weight or volume: 130g.  
Client Request Age Grade :6 years+~12 years+.

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### Ingredients and %w/w composition are listed in the below (subject to valid request).

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The above-named product, and the ingredients in the product formulation, were assessed for the following chronic hazards, and evaluated for compliance with the labeling requirements designated in the U.S. Consumer Product safety commission (CPSC) Regulations(16 CFR§1500.14) and ASTM D-4236(LHAMA Certification):

- Carcinogenicity
- Neurotoxicity
- Reproductive and developmental toxicity
- Sensitization
- General organ and tissue toxicities

Searches of medical and toxicological scientific databases were conducted to determine if any of the ingredients in the product, at the levels used, or as components of the final formulated product, are known to cause chronic adverse health effects to consumers when used as intended or under conditions of reasonable foreseeable misuse.

**Conclusion: Conforms To ASTM D4236**

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## Results:

### **Exposure Assessment and Considerations:**

Evaluation of **Ningbo Home-Dollar Imp.& Exp.Corp JUMBO CRAYONS** or requirements of applicable sections of U.S. Federal Hazardous Substance Act (FHSA) Regulations (16 CFR 1500), LHAMA (16 CFR 1500.14) and ASTM D4236.

In making this evaluation Oneil M. Banks, Ph.D., CIH, DABT (certified by the American Board of Toxicology in General Toxicology 1980-2005) followed the Consumer Product Safety Commission, Guidelines for Determining Chronic Toxicity of Products Subject to the Federal Hazardous Substances Act and NOHSC:1008(2004) Chapters 4 & 5 health effects criteria for classifying a substance on the basis of its health effects.

According to information supplied **Ningbo Home-Dollar Imp.& Exp.Corp JUMBO CRAYONS RED** contains: Paraffin wax(CAS No. 8002-74-2), Calcium carbonate (CAS No. 471-34-1), Stearic acid (CAS No. 1957-11-4), Pigment red 21 (CAS No. 6410-26-0).

**Ningbo Home-Dollar Imp.& Exp.Corp JUMBO CRAYONS YELLOW** contains: Paraffin wax(CAS No. 8002-74-2), Calcium carbonate (CAS No. 471-34-1), Stearic acid (CAS No. 1957-11-4), Pigment yellow 14 (CAS No. 5468-75-7).

**Ningbo Home-Dollar Imp.& Exp.Corp JUMBO CRAYONS DARK BLUE** contains: Paraffin wax(CAS No. 8002-74-2), Calcium carbonate (CAS No. 471-34-1), Stearic acid (CAS No. 1957-11-4), Copper phthalocyanine (CAS No. 147-14-8), P.v 23 (CAS No. 6358-30-1).

**Ningbo Home-Dollar Imp.& Exp.Corp JUMBO CRAYONS DARK GREEN** contains: Paraffin wax(CAS No. 8002-74-2), Calcium carbonate (CAS No. 471-34-1), Stearic acid (CAS No. 1957-11-4), Pigment Geen 7 (CAS No. 1328-53-6). Pigment Yellow 14 (CAS No. 5468-75-7).

**Ningbo Home-Dollar Imp.& Exp.Corp JUMBO CRAYONS ORANGE** contains: Paraffin wax(CAS No. 8002-74-2), Calcium carbonate (CAS No. 471-34-1), Stearic acid (CAS No. 1957-11-4), Pigment Orange 13 (CAS No. 3520-72-7), Pigment Yellow 14 (CAS No. 5468-75-7).

**Ningbo Home-Dollar Imp.& Exp.Corp JUMBO CRAYONS PURPLE** contains: Paraffin wax(CAS No. 8002-74-2), Calcium carbonate (CAS No. 471-34-1), Stearic acid (CAS No. 1957-11-4), P.v 23 (CAS No. 6358-30-1), Lithopone (CAS No. 1345-05-7).

**Ningbo Home-Dollar Imp.& Exp.Corp JUMBO CRAYONS BLACK** contains: Paraffin wax(CAS No. 8002-74-2), Calcium carbonate (CAS No. 471-34-1), Stearic acid (CAS No. 1957-11-4), Carbon black (CAS No. 1333-86-4).

**Ningbo Home-Dollar Imp.& Exp.Corp JUMBO CRAYONS SCUCE RED** contains: Paraffin wax(CAS No. 8002-74-2), Calcium carbonate (CAS No. 471-34-1), Stearic acid (CAS No. 1957-11-4), Pigment red 63:1 (CAS No. 6417-83-0), Carbon black (CAS No. 1333-86-4).

**Ningbo Home-Dollar Imp.& Exp.Corp JUMBO CRAYONS PINK** contains: Paraffin wax(CAS No. 8002-74-2), Calcium carbonate (CAS No. 471-34-1), Stearic acid (CAS No. 1957-11-4), Pigment red 21 (CAS No. 6410-26-0), Lithopone (CAS No. 1345-05-7).

**Ningbo Home-Dollar Imp.& Exp.Corp JUMBO CRAYONS GREEN** contains: Paraffin wax(CAS No. 8002-74-2), Calcium carbonate (CAS No. 471-34-1), Stearic acid (CAS No. 1957-11-4), Pigment Geen 7 (CAS No. 1328-53-6).  
Pigment Yellow 14 (CAS No. 5468-75-7).

**Ningbo Home-Dollar Imp.& Exp.Corp JUMBO CRAYONS LIGHT ORANGE** contains: Paraffin wax(CAS No. 8002-74-2), Calcium carbonate (CAS No. 471-34-1), Stearic acid (CAS No. 1957-11-4), Pigment Orange 13 (CAS No. 3520-72-7), Lithopone (CAS No. 1345-05-7).

**Ningbo Home-Dollar Imp.& Exp.Corp JUMBO CRAYONS WHITE** contains: Paraffin wax(CAS No. 8002-74-2), Calcium carbonate (CAS No. 471-34-1), Stearic acid (CAS No. 1957-11-4), Lithopone (CAS No. 1345-05-7).



**Results:**

**Exposure Assessment and Considerations:**

After review of the supplied information, and risk assessment based on exposure. potential, acceptable daily intake and appropriate safety factors, Oneil M. Banks, Ph.D., DABT (certified by the American Board of Toxicology in General Toxicology 1980-2005) finds **Ningbo Home-Dollar Imp. & Exp. Corp** JUMBO CRAYONS is not explosive, oxidising, extremely or highly flammable, very toxic, harmful, corrosive, sensitising, irritating to the skin or eyes, carcinogenic, mutagenic, toxic for reproduction or dangerous for the environment, and will not pose acute or chronic adverse health effects in humans when used as intended.

**Ningbo Home-Dollar Imp. & Exp. Corp** JUMBO CRAYONS complies with requirements of applicable sections of U.S. Federal Hazardous Substance Act (FHSA) Regulations (16 CFR 1500), LHAMA (16 CFR 1500.14) and ASTM D4236.

Oneil M. Banks, Ph.D., DABT



Toxicologist

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