

REGULATORY DATA SHEET

Modern Emulsion

All Farrow & Ball paints are eco friendly with low or minimal VOC (Volatile Organic Compounds) content and are water based giving them a low odour and quick drying time which benefits both you and the environment.

Chemical Composition:

Farrow & Ball Modern Emulsion is a mixture. The composition of this product is proprietary knowledge of Farrow & Ball and will not be disclosed to third parties. Information regarding the presence of hazardous components above the reportable concentration limits pursuant to the applicable national legislation can be found in the Safety Data Sheet which is available to professional users upon request.

Recommended Uses and Application of Product:

Farrow & Ball Modern Emulsion is recommended for interior applications in accordance with the following CEPE (European Council of producers and importers of paints, printing inks and artists' colours) Sector-specific Worker Exposure Descriptions (SWEDs): CEPE_PW_01_V1: Professional spray painting, near-industrial setting. CEPE_PW_03a_v1: Professional spray painting, indoor (Level 1). CEPE_PW_03b_v1: Professional spray painting, indoor (Level 2). CEPE_PW_04_v1: Professional painting, indoor brush/roller. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Volatile Organic Compounds (VOC):

Farrow & Ball Modern Emulsion has been tested within the EU for VOC by ISO 11890-2:2000 in accordance with EU Paint Directive 2004/42/EC. The EU limit for this product is Cat a 30 g/l. Farrow & Ball Modern Emulsion contains max. 4 g/l (Low) by ISO 11890-2. Farrow & Ball Modern Emulsion has been tested within USA for VOC by EPA Method 24 in accordance with Environment Protection Agency standards. The USA limit for this product is 50 g/l. Farrow & Ball Modern Emulsion contains 6 g/l (Low) VOC by EPA Method 24.

Global Chemical Inventory Status:

All components of Farrow & Ball Modern Emulsion are included in the following Chemical Inventories:

- . Australia AICS (Australian Inventory of Chemical Substances)
- . China IECSC (Inventory of Existing Chemical Substances in China)
- New Zealand NzioC (New Zealand Inventory of Chemicals)
- . Canada DSL (Canadian Domestic Substances List)
- . European Union EINECS (European Inventory of Existing Chemical Substances)
- . Japan ENCS (Japanese Existing and New Chemical Substances Inventory)
- . Korea KECI (Korea Existing Chemicals Inventory)
- . Philippines PICCS (Philippines Inventory of Chemicals & Chemical Substances)
- . Switzerland SWISS (Inventory of Notified New Substances)
- . USA TSCA (Toxic Substances Control Act)

Heavy Metals:

Heavy metals Cadmium (Cd), Mercury (Hg), Lead (Pb) and Chrome (Cr(VI)) are not intentionally used in the manufacture of Farrow & Ball Modern Emulsion. It is expected that the total heavy metal concentrations which may be present as a result are therefore below the thresholds currently imposed by the following regulations worldwide:

- . CONEG (Coalition of North Eastern Governors)
- EU directive 94/62/EEC
- . EU directive 2000/53/EC and amendment 2002/525/EC
- . EU directive 2002/95/EC
- . Safety of Toys Part 3: Migration of certain elements (EN 71-3:2013+A3:2018)
- . CPSC Regulations 16 CFR 1303/16 CFR 1500:121 (<90 ppm lead)

However, it is not possible to exclude the presence of individual heavy metals. Trace elements may enter Farrow & Ball Modern Emulsion within the raw materials used in the manufacture of this product and through auxiliaries during processing. These trace elements may be only detected by analytical methods.

Other Metals:

Element

The following other metals are not intentionally used in the manufacture of Farrow & Ball Modern Emulsion: Barium (Ba), Antimony (Sb), Arsenic (As), Selenium (Se), Cobalt (Co), Stannous (Sn), Nickel (Ni), Zinc (Zn), Beryllium (Be) & Bismuth (Bi).

Safety of Toys Part 3: Migration of certain elements (EN 71 3:2013+A3:2018):

Antimony (Sb) Measured Amount (mg/kg) <0.2 Maximum Limit (mg/kg) 60

Farrow & Ball Modern Emulsion has been tested in accordance with EN 71–3:2013+A3:2018 and meets the specified limits of element migration from toy materials as follows:

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Arsenic (As) Measured Amount (mg/kg) < 0.1 Maximum Limit (mg/kg) 25
Element
Element
         Barium (Ba) Measured Amount (mg/kg) <100 Maximum Limit (mg/kg) 1000
Element
         Cadmium (Cd) Measured Amount (mg/kg) <0.125 Maximum Limit (mg/kg) 60
         Lead (Pb) Measured Amount (mg/kg) <0.125 Maximum Limit (mg/kg) 90
Element
         Mercury (Hg) Measured Amount (mg/kg) <0.05 Maximum Limit (mg/kg) 60
Element
         Selenium (Se) Measured Amount (mg/kg) <3 Maximum Limit (mg/kg) 500
Element
Element
         Aluminium (Al) Measured Amount (mg/kg) <400 Maximum Limit (mg/kg) 1406
Element
         Boron (B) Measured Amount (mg/kg) <100 Maximum Limit (mg/kg) 300
         Chromium III (Cr) Measured Amount (mg/kg) <0.004 Maximum Limit (mg/kg) 9.4
Element
Element
         Chromium VI (Cr) Measured Amount (mg/kg) <0.004 Maximum Limit (mg/kg) 0.005
         Cobalt (Co) Measured Amount (mg/kg) <0.5 Maximum Limit (mg/kg) 2.6
Element
Element
         Copper (Cu) Measured Amount (mg/kg) <50 Maximum Limit (mg/kg) 156
         Manganese (Mn) Measured Amount (mg/kg) <100 Maximum Limit (mg/kg) 300
Element
Element
         Nickel (Ni) Measured Amount (mg/kg) <6 Maximum Limit (mg/kg) 18.8
Element
         Strontium (Sr) Measured Amount (mg/kg) <250 Maximum Limit (mg/kg) 1125
Element
         Tin (Sn) Measured Amount (mg/kg) <0.2 Maximum Limit (mg/kg) 3750
Element
         Zinc (Zn) Measured Amount (mg/kg) <300 Maximum Limit (mg/kg) 938
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Substances of Concern:

The following substances of concern are not intentionally used in the manufacture of Farrow & Ball Modern Emulsion: Polyhalogen—biphenyl / terphenyls / diphenylethers (PCB, PCT, PBB, PBDE), Chlorinated hydrocarbons/paraffines, Ozone depleting substances (CFC), Halogens (F,Cl,Br,I), Nonylphenol & Nonylphenol ethoxylates, Aromatic amine, Formaldehyde or formaldehyde generating substances, Asbestos, Radioactive substances, Phthalates, Bisphenol A and APEO (Alkylphenol ethoxylates). Based on our current knowledge of raw materials used in the production of Modern Emulsion and the information provided to the company by our raw material suppliers (such as Safety Data Sheets and Technical Data Sheets), we can confirm that Modern Emulsion does not contain any of the Substances of Very High Concern (SVHC) included in:

- The REACH Annex XIV Candidate List at levels greater than the tolerated maximum concentration values established by the EU Regulation 1907/2006/EC, or above 0.1%, whichever is the lower.
- The List of Toxic Substances published under Schedule 1 of the Canadian Environmental Protection Act 1999.
- Schedule A of Chapter 423 Environmental Reporting and Disclosure of the Toronto Municipal Code in concentration or mass reporting thresholds greater than the published limits.
- The National Pollutant Release Inventory (Ontario Regulation 127/01), Canada Gazette numbers 1-230 in concentration or mass reporting thresholds greater than the published limits.
- Red List Building Materials (United States Environmental Protection Agency, European Commisson on Environment, State of California and The International Living Future Institute.
- The Canada Consumer Chemicals and Containers Regulations (CCCR).
- The Canada Hazardous Products Regulation (HPR).
- The Canada Canada Cribs, Cradles and Bassinets Regulations.
- USA Federal Hazardous Substances Act (FHSA).
- USA Revised Hazard Communication Standard (HCS).

California OEHHA Proposition 65 Notice:

WARNING: This product can expose you to chemicals including acetaldehyde, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.



ÉMISSIONS DANS L'AIR INTÉRIEUR

French Indoor Air Quality Decree N 2011 321 Arrêté April 2011:

Farrow & Ball Modern Emulsion has been tested for indoor emissions to ISO 16000 as follows:

Substance Formaldehyde <6

Substance Acetaldehyde <6

Substance Toluene <40

Substance Tetrachloroethylene <40

Substance Ethylbenzene <40

Substance Xylene <40

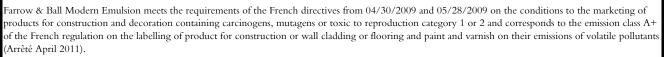
Substance Styrene <40

Substance 2-Butoxyethanol <40
Substance Trimethylbenzene <40

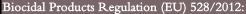
Substance 1,4-Dichlorobenzene <2

Substance TVOC 61

*Concentration after 28 days (μg/m3).



Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).



This product contains the following biocidal products which are used as in-can preservatives:- 5- chloro-2-methyl-2h- isothiazol-3-one and 2-methyl-2h- isothiazol-3-one (3:1) & 1,2- bensiothiazol-3(2H)-one. This product also contains the following biocidal products which are used as film preservatives:- 3- iodo-2-propynyl butylcarbamate. No nanomaterials are present. Keep out of the reach of children. Wear protective gloves (such as Nitrile gloves) and eye protection when using this product. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with water and seek medical advice. Do not empty into drains or rivers. Contact the local Environmental Department for disposal instructions. A Safety Data Sheet for this product is available on request.

Contact Us:

For advice on colours, paint finishes or wallpaper our customer services team is on hand to help you, just call +44 (0) 1202 876141, email sales@farrow-ball.com, or write to us at Farrow & Ball, Uddens Estate, Wimborne, Dorset, BH21 7NL, UK. Please note that calls may be recorded for training purposes. Imported in EU by Farrow & Ball, Kaiserstraße 25, Frankfurt am Main, Deutschland, +49 (0) 69 2424 6269.

Disclaimer:

The information given in these specification sheets and technical advice - whether verbal, in writing or by way of trials - is for guidance and is given in good faith but without warranty, since skill of application and site conditions are beyond our control. For further information please contact our Customer Services Department. We can accept no liability for the performance of the products arising out of such use, beyond the value of the goods delivered by us. This does not affect your statutory rights.

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