Material Safety Data Sheet

Royal Interiors Flat Latex Wall Paint

1. Product and company identification

Product name	: Royal Interiors Flat Latex Wall Paint
Material uses	: Coatings: Waterborne paint.
Code	: 183A100, 101, 105, 128, 129, 180, 181, 182, 186, 188, 310, 320, 330, 340
Manufacturer	: Ace Hardware Paint Division 21901 South Central Avenue, Matteson, IL 60443-2800 Phone #: (800) 311-8324
Supplier	: Ace Hardware Corporation 2200 Kensington Court, Oak Brook, IL 60523-2100 (800) 311-8324
Validation date	: 10/14/2010.
Prepared by	: Alrion Regulatory Services, Inc.
In case of emergency	: Infotrac (800) 535-5053 Outside USA (352) 323-3500

2. Hazards identification

Physical state	: Liquid.
Color	: Various
Odor	: Characteristic.

Emergency overview

Signal word	: WARNING!
Hazard statements	: CAUSES EYE IRRITATION. MAY CAUSE RESPIRATORY TRACT AND SKIN IRRITATION. CONTAINS MATERIAL THAT MAY CAUSE TARGET ORGAN DAMAGE, BASED ON ANIMAL DATA. CANCER HAZARD - CAN CAUSE CANCER. BIRTH DEFECT HAZARD - CAN CAUSE BIRTH DEFECTS. DEVELOPMENTAL HAZARD - CAN CAUSE ADVERSE DEVELOPMENTAL EFFECTS.
Precautions	: Avoid exposure - obtain special instructions before use. Do not breathe vapor or mist. Do not get on skin or clothing. Avoid contact with eyes. Avoid exposure during pregnancy. Use only with adequate ventilation. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling.
OSHA/HCS status	: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Routes of entry	: Dermal contact. Eye contact. Inhalation. Ingestion.

Potential acute health effects

Inhalation	: Slightly irritating to the respiratory system.
Ingestion	: No known significant effects or critical hazards.
Skin	: Slightly irritating to the skin.
Eyes	: Irritating to eyes.

Potential chronic health effects

Chronic effects	: Contains material that may cause target organ damage, based on animal data.
Carcinogenicity	: Can cause cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity	: No known significant effects or critical hazards.
Teratogenicity	: Can cause birth defects.
Developmental effects	: Can cause developmental abnormalities.

4. First aid measures

Eye contact : Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if symptoms occur.

Skin contact : In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if symptoms occur.

Inhalation : Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms occur.

Ingestion : Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

Notes to physician : No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5. Fire-fighting measures

Flammability of the product : In a fire or if heated, a pressure increase will occur and the container may burst.

Extinguishing media

Suitable : Use an extinguishing agent suitable for the surrounding fire.

Not suitable : None known.

Special exposure hazards : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
metal oxide/oxides

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

Personal precautions : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods for cleaning up

Small spill : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

8. Exposure controls/personal protection

	OSHA PEL 1989 (United States, 3/1989). **TWA: 0.1 mg/m³**, (as quartz) 8 hour(s). Form: Respirable dust **ACGIH TLV (United States, 2/2010).** **TWA: 0.025 mg/m³** 8 hour(s). Form: Respirable fraction; see Appendix C **NIOSH REL (United States, 6/2009).** **TWA: 0.05 mg/m³** 10 hour(s). Form: respirable dust
Carbon black	**ACGIH TLV (United States, 2/2010).** **TWA: 3.5 mg/m³** 8 hour(s). **OSHA PEL 1989 (United States, 3/1989).** **TWA: 3.5 mg/m³** 8 hour(s). **NIOSH REL (United States, 6/2009).** **TWA: 3.5 mg/m³** 10 hour(s). **TWA: 0.1 mg of PAHs/cm³** 10 hour(s). **OSHA PEL (United States, 11/2006).** **TWA: 3.5 mg/m³** 8 hour(s).

Canada

Occupational exposure limits		TWA (8 hours)			STEL (15 mins)			Ceiling			
Ingredient	List name	ppm	mg/m³	Other	ppm	mg/m³	Other	ppm	mg/m³	Other	Notations
Quartz (SiO_2)	US ACGIH 2/2010	-	0.025	-	-	-	-	-	-	-	[a]
	AB 4/2009	-	0.025	-	-	-	-	-	-	-	[b]
	BC 10/2009	-	0.025	-	-	-	-	-	-	-	[c]
	ON 7/2010	-	0.1	-	-	-	-	-	-	-	[d]
	QC 6/2008	-	0.1	-	-	-	-	-	-	-	[e]
Titanium dioxide	US ACGIH 2/2010	-	10	-	-	-	-	-	-	-	
	AB 4/2009	-	10	-	-	-	-	-	-	-	[3]
	BC 10/2009	-	3	-	-	-	-	-	-	-	[f]
		-	10	-	-	-	-	-	-	-	[g]
	ON 7/2010	-	10	-	-	-	-	-	-	-	[h]
	QC 6/2008	-	10	-	-	-	-	-	-	-	[i]
Carbon black	US ACGIH 2/2010	-	3.5	-	-	-	-	-	-	-	
	AB 4/2009	-	3.5	-	-	-	-	-	-	-	
	BC 10/2009	-	3.5	-	-	-	-	-	-	-	
	ON 7/2010	-	3.5	-	-	-	-	-	-	-	
	QC 6/2008	-	3.5	-	-	-	-	-	-	-	
Limestone	AB 4/2009	-	10	-	-	-	-	-	-	-	[3]
	BC 10/2009	-	3	-	-	-	-	-	-	-	[f]
		-	-	-	-	20	-	-	-	-	
		-	10	-	-	-	-	-	-	-	[g]
	QC 6/2008	-	10	-	-	-	-	-	-	-	[i]
Palygorskite		-	-	1 f/cc	-	-	-	-	-	-	[j]
Ethylene glycol	US ACGIH 2/2010	-	-	-	-	-	-	-	100	-	[k]
	AB 4/2009	-	-	-	-	-	-	-	100	-	[3] [l]
	BC 10/2009	-	-	-	-	-	-	-	100	-	[k]
		-	10	-	-	20	-	-	-	-	[m]
		-	-	-	-	-	-	50	-	-	[n]
	ON 7/2010	-	-	-	-	-	-	-	100	-	[l]
	QC 6/2008	-	-	-	50	127	-	-	-	-	[o]
Nepheline syenite	US ACGIH	-	10	-	-	-	-	-	-	-	[p]
	ON 7/2010	-	10	-	-	-	-	-	-	-	
Silica, amorphous - diatomaceous earth	BC 10/2009	-	1.5	-	-	-	-	-	-	-	[c]
		-	4	-	-	-	-	-	-	-	
	ON 7/2010	-	10	-	-	-	-	-	-	-	[q]
		-	3	-	-	-	-	-	-	-	[d]
		-	3	-	-	-	-	-	-	-	[r]
	QC 6/2008	-	6	-	-	-	-	-	-	-	[i]

9. Physical and chemical properties

pH	: 8.5 to 9
Boiling/condensation point	: Not available.
Melting/freezing point	: Not available.
Relative density	: 1.252 to 1.442
Density	: 1.25 to 1.439 g/cm^3
Vapor pressure	: Not available.
Vapor density	: Not available.
VOC content	: 0.234 to 0.409 lbs/gal (28 to 49 g/l)
Odor threshold	: Not available.
Evaporation rate	: Not available.
Viscosity	: Not available.
Solubility	: Easily soluble in the following materials: cold water and hot water.
LogK$_{ow}$	: Not available.

10. Stability and reactivity

Chemical stability	: The product is stable.
Conditions to avoid	: No specific data.
Incompatible materials	: Reactive or incompatible with the following materials: oxidizing materials, reducing materials, metals, acids and alkalis.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous polymerization will not occur.

11. Toxicological information

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Titanium dioxide	TDLo Oral	Rat	60 g/kg	-
Carbon black	LD50 Dermal	Rabbit	>3 g/kg	-
	LD50 Oral	Rat	>15400 mg/kg	-
Ethylene glycol	LD50 Oral	Rat	4700 mg/kg	-

Chronic toxicity

Not available.

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Titanium dioxide	Skin - Mild irritant	Human	-	-	-
Ethylene glycol	Eyes - Mild irritant	Rabbit	-	-	-
	Eyes - Moderate irritant	Rabbit	-	-	-
	Skin - Mild irritant	Rabbit	-	-	-

Sensitizer

Not available.

Carcinogenicity

Classification

15. Regulatory information

SARA 313

Form R - Reporting requirements Not applicable.

Supplier notification Not applicable.

State regulations

Massachusetts : The following components are listed: SILICA, CRYSTALLINE, QUARTZ; TITANIUM DIOXIDE; CALCIUM CARBONATE

New York : None of the components are listed.

New Jersey : The following components are listed: SILICA, AMORPHOUS DIATOMACEOUS EARTH; KIESELGUHR; SILICA, QUARTZ; QUARTZ (SiO2); TITANIUM DIOXIDE; TITANIUM OXIDE (TiO2); CARBON BLACK; CALCIUM CARBONATE; LIMESTONE

Pennsylvania : The following components are listed: QUARTZ (SIO2); TITANIUM OXIDE (TIO2); CARBON BLACK; LIMESTONE

California Prop. 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

Ingredient name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
Quartz (SiO2)	Yes.	No.	No.	No.
Carbon black	Yes.	No.	No.	No.
Palygorskite	Yes.	No.	No.	No.
Acetaldehyde	Yes.	No.	90 µg/day (inhalation)	No.

Canada

WHMIS (Canada) : Class D-2A: Material causing other toxic effects (Very toxic).
Class D-2B: Material causing other toxic effects (Toxic).

Canadian lists

Canadian NPRI : None of the components are listed.

CEPA Toxic substances : None of the components are listed.

Canada inventory : Not determined.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

International regulations

International lists : Australia inventory (AICS): Not determined.
China inventory (IECSC): Not determined.
Japan inventory: Not determined.
Korea inventory: Not determined.
New Zealand Inventory of Chemicals (NZIoC): Not determined.
Philippines inventory (PICCS): Not determined.

Chemical Weapons Convention List Schedule I Chemicals : Not listed

Chemical Weapons Convention List Schedule II Chemicals : Not listed

Chemical Weapons Convention List Schedule III Chemicals : Not listed

16. Other information

Label requirements : CAUSES EYE IRRITATION. MAY CAUSE RESPIRATORY TRACT AND SKIN IRRITATION. CONTAINS MATERIAL THAT MAY CAUSE TARGET ORGAN DAMAGE, BASED ON ANIMAL DATA. CANCER HAZARD - CAN CAUSE CANCER. BIRTH DEFECT HAZARD - CAN CAUSE BIRTH DEFECTS. DEVELOPMENTAL HAZARD - CAN CAUSE ADVERSE DEVELOPMENTAL EFFECTS.

Hazardous Material Information System (U.S.A.) :

Health	*	2
Flammability		0
Physical hazards		0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

National Fire Protection Association (U.S.A.) :

Reprinted with permission from NFPA 704-2001, Identification of the Hazards of Materials for Emergency Response Copyright ©1997, National Fire Protection Association, Quincy, MA 02269. This reprinted material is not the complete and official position of the National Fire Protection Association, on the referenced subject which is represented only by the standard in its entirety.

Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

Date of issue : 10/14/2010.

Date of previous issue : No previous validation.

Version : 1

◤ Indicates information that has changed from previously issued version.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.
Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.