



MATERIAL SAFETY DATA SHEET

FOR COATINGS, RESINS AND RELATED MATERIALS

(Approved by U.S. Department of Labor "Essentially Similar" to Form OSHA 174)

HMIS

HEALTH	1
FLAMMABILITY	1
REACTIVITY	1
PERSONAL PROTECTION	B

Product

103A100, 101, 120, 126, 127, 132, 134, 136, 142, 200, 210, 211, 214, 215

Section I

ROYAL SHIELD ACRYLIC FLAT LATEX HOUSE PAINT

Manufacturer's Name

Paint Division, ACE HARDWARE CORPORATION

Address (Number, Street, City, State and ZIP Code)

21901 S. Central Avenue

Matteson, IL 60443

Emergency Telephone Number

(630) 990-6600

Telephone Number for Information

(708) 720-0600

Date Prepared

July 1, 1997

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s))

	CAS#	OSHA PEL	ACGIH TLV	%Optional
TITANIUM DIOXIDE	CAS# 13463-67-7	10 Mg/M ³	10 Mg/M ³	23.2
NEPHELINE SYENITE	CAS# 37244-96-5	5 Mg/M ³	10 Mg/M ³	28.8
DIATOMACEOUS SILICA	CAS# 61790-53-2	80 Mg/CuM		2.4
ESTER ALCOHOL	CAS# 25265-77-4	NOT EST.	NOT EST.	1.1
PROPYLENE GLYCOL	CAS# 57-55-6	NONE	NONE	3.4
IRON OXIDE	CAS# 1309-37-1	NOT EST.	NOT EST.	6.0
HYDRATED IRON OXIDE	CAS# 20344-49-4	NOT EST.	NOT EST.	1.9
AMMONIA	CAS# 7864-41-7	35 PPM	25 PPM	< 0.1
HYDROXYETHYL CELLULOSE	CAS# 9004-62-0	NOT EST.	NOT EST.	0.4
MAGNESIUM ALUMINUM SILICATE	CAS# 12174-11-7	15 Mg/M ³	10 Mg/M ³	0.3
ALIPHATIC PETROLEUM DISTILLATE	CAS# 64741-88-4			0.6
3-iodo-2-propynyl BUTYL CARBAMATE	CAS# 55406-53-6		NOT EST.	0.3

Section III - Physical/Chemical Characteristics

Boiling Point	212°F	Specific Gravity (WATER = 1)	1.26
Vapor Pressure (mm Hg.)	NA	Melting Point	NA
Vapor Density (AIR = 1)	Heavier Than Air	Evaporation Rate (Butyl Acetate = 1)	Slower Than Ether

Solubility in Water: Dilutable

Appearance and Odor: Colored pigmented liquid with slight ammonia odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)

199°F PMCC

Extinguishing Media

Non-combustible - for dry solids use water, foam CO₂, dry chemicals.

Special Fire Fighting Procedures

Full protective equipment including self-contained breathing apparatus should be used. Water may be used to cool closed containers.

Unusual Fire and Explosion Hazards

Closed containers exposed to extreme heat may rupture due to pressure build-up. Contents may spatter if temperature exceeds 212°F.

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Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid)

No hazardous reactions are expected under normal use.

Hazardous Decomposition or Byproducts

Carbon dioxide and carbon monoxide.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation: Possible	Skin: Possible	Ingestion: Possible
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Health Hazards (Acute and Chronic)

Acute: In a confined area vapors in high concentration are anesthetic. Irritant to upper respiratory system. Chronic problems with respiratory system may be aggravated by exposure to vapors.

Carcinogenicity:	NTP? NO	IARC Monographs? NO	OSHA Regulated? NO
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Signs and Symptoms of Exposure

Lightheadedness and staggered gait.

Medical Conditions Generally Aggravated by Exposure

Chronic problems with respiratory system may be aggravated to exposure to vapors.

Emergency and First Aid Procedures

Remove from exposure - restore breathing - keep warm and quiet. Wash from skin with soap and water - flush eyes with water for 15 minutes. Get medical aid. Launder clothing before reuse.

Section VII - Precautions for Safe Handling and Use**Steps to be Taken in Case Material is Released or Spilled**

Remove all sources of ignition. Ventilate and remove with inert absorbent.

Waste Disposal Method

Incinerate in approved facility. Do not incinerate closed containers. Dispose of in accordance with Federal, State and Local regulations regarding pollution.

Precautions to be Taken in Handling and Storing

DOL Storage Category 3B.

Other Precautions

Keep out of reach of children.

Section VIII - Control Measures**Respiratory Protection (Specify Type)**

Device approved by NIOSH/MESA

Ventilation	Local Exhaust	Special
	Preferable	
	Mechanical (General)	Other
	Acceptable	

Protective Gloves

For use with Section II materials.

Other Protective Clothing or Equipment**Eye Protection**

Safety spectacles w/unperforated side shields

Work/Hygienic Practices

Avoid breathing vapor or spray mist. Avoid contact with skin or eyes.

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