



# 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	0
PERSONAL PROTECTION	B

**Product**

160A100, 200, 210, 211, 214, 215

**Section I**

**ROYAL SHIELD ACRYLIC SATIN LATEX HOUSE & TRIM 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 Number:  
Infotrac: 1-800-535-5053

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))

		OSHA PEL	ACGIH TLV	% (optional)
TITANIUM DIOXIDE	CAS# 13463-67-7	10 Mg/M <sup>3</sup>	10 Mg/M <sup>3</sup>	24.9
AMMONIUM HYDROXIDE	CAS# 1336-21-6	50 PPM	25 PPM	0.3
NEPHELINE SYENITE	CAS# 37244-96-5	5 Mg/M <sup>3</sup>	10 Mg/M <sup>3</sup>	6.7
MAGNESIUM ALUMINUM SILICATE	CAS# 12174-11-7	15 Mg/M <sup>3</sup>	10 Mg/M <sup>3</sup>	0.5
ALIPHATIC PETROLEUM DISTILLATE	CAS# 64741-			0.7
HYDROXYETHYLCELLULOSE	CAS# 9004-62-0			0.3
ESTER ALCOHOL	CAS# 25265-77-4	NOT EST.	NOT EST.	0.7
PROPYLENE GLYCOL	CAS# 57-55-6	NONE	NONE	3.0
AROMATIC PETROLEUM DISTILLATE	CAS# 64742-95-6			0.3
NONYLPHENOXYPOLYETHANOL	CAS# 68412-54-4	NOT EST.	NOT EST.	0.5
3-IODO-2-PROPYNYL BUTYL CARBAMATE	CAS# 55406-53-6		NOT EST.	0.4

**Section III - Physical/Chemical Characteristics**

Boiling Point	212°F	Specific Gravity (WATER = 1)	1.29
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: White pigmented liquid with slight ammonia odor.

**Section IV - Fire and Explosion Hazard Data**

Flash Point (Method Used)	Flammable Limits	LEL	UEL
199°F PMCC	NA	NA	NA

Extinguishing Media

Non-combustible - for dry solids use water, foam CO<sup>2</sup>, 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.

**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 Preferable	Special
	Mechanical (General) Acceptable	Other

**Protective Gloves**

For use with Section II materials.

**Eye Protection**

Safety spectacles w/unperforated side shields

**Other Protective Clothing or Equipment****Work/Hygienic Practices**

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