

ACE		HEALTH	1
Hardware	MATERIAL SAFETY DATA SHEET	FLAMMABILITY	1
		REACTIVITY	0
		PERSONAL PROTECTION	B

# FOR COATINGS. RESINS AND RELATED MATERIALS

(Approved by U S Department of Labor "ESSENTIALLY SIMILAR to Form OSHA 174)

Product: 186A100, 101, 128, 180, 181, 182, 186, 187, 188, 200, 210, 211, 214, 215  
ROYAL TOUCH SEMI-GLOSS LATEX ACRYLIC ENAMEL

## SECTION I

Manufacture's Name	Emergency Telephone Number
Paint Division, Ace Hardware Corporation	(708) 990-6600
ADDRESS (Number' Street CITY State and Zip Code)	Telephone Number for Information
21901 S. Central Ave.	(708) 720-0600
Matteson IL 60443	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/M3	10 Mg/M3	24.9
Calcium Carbonate CAS# 1317-65-3	15 Mg/M3		0.6
Magnesium Silicate CAS# 14807-96-6	20 mppcf	2Mg/M3	3.2
Magnesium Aluminum Silicate CAS# 12174-11-7	15 Mg/M3	10Mg/M3	0.5
Aliphatic Petroleum Distillate CAS# 64741-88-4			0.8
Amorphous Silica CAS# 7631-86-9	6 Mg/M3	10 Mg/M3	0.1
Ester Alcohol CAS# 25265-77-4	Not Est.	Not Est.	1.7
Propylene Glycol CAS# 57-55-6	None	None	5.7
Ammonium Hydroxide CAS# 1336-21-6	50 PPM	25 PPM	0.2
NonylphenoxypolyethanolCAS# 68412-54-4	NOT EST.	NOT EST.	0.5
Hydroxyethyl Cellulose proprietary			0.2

## SECTION III- PHYSICAL/CHEMICAL CHARACTERISTIC

Boiling Point	Specific Gravity (H2O = 1)
212 &#176;F	1.25
Vapor Pressure (mm HG.)	Melting Point
N/A	N/A
Vapor Density (AIR = 1)	Evaporation Rate (Butyl Acetate = 1)
Heavier Than Air	Slower Than Ether
Soluble in Water	
Dilutable	
Appearance and Odor	
Colored Pigmented liquid with slight Ammonia odor..	

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Flammable Limits	LEL	UEL
199&#176;F PMCC		N/A	N/A
			N/A
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 containers.			

Unusal Fire and Explosion Hazard  
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	Conditions to Avoid
Stable	
Incompability (Materials to Avoid)	
No hazardous reactions are expected under normal use.	
Hazardous Decomposition or Byproducts	
Carbon dioxide and carbon monoxide	
Hazardous Polymenization	Conditions to Avoid
Will Not Occur	

#### SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: Inhalation?	Skin?	Ingestion?
Possible	Possible	Possible

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?	IARC Monographs?	OSHA Regulated?
	No	No	No

Signs and Symotoms of Exposure  
Lightheadedness and staggered gait.

Medical Conditions (Generally Aggravated by Exposure)  
Chronic: Problems with respiratory system may beaggravated by 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 contained clothing before use.

#### 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 (Specific Type)		
Device approved by NIOSH/MESA		
Ventilation	Local Exhaust	Special
Preferable		

Mechanical (General)  
Acceptable

Other

Protective Gloves  
For use with in  
Sect. II materials

Eye Protection  
Safety spectacles w/unperforated  
side shield

Other Protective Clothing or Equipment

Work/Hygienic Practices

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