

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

Product: 245A100, 131, 136, 137, 200, 210, 215  
 ACE ROYAL POLYURETHANE PORCH AND FLOOR GLOSS ENAMEL- VOC COMPLIANT

SECTION I

Manufacturer'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
	Date Prepared
Matteson, IL 60443	JULY 1, 1997
	Signature of Preparer (optional)

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components: (Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	% (optional)
Titanium Dioxide CAS# 13463-67-7	10 Mg/M3	10 Mg/M3	23.6
Amorphous Silica CAS# 7631-86-9	15 Mg/M3	10 Mg/M3	1.3
Calcium Carbonate CAS# 1317-65-3	15 Mg/M3	10 Mg/M3	10.0
Red Iron Oxide CAS# 1332-37-2	5 Mg/M3	5 Mg/M3	3.6
Minerals Spirits CAS# 64742-47-8	500 PPM	100 PPM	35.7
Ethyl Alcohol CAS# 64-17-5	1000 PPM	1000 PPM	0.7
Chromium Oxide CAS# 1308-38-9	.5 Mg/M3	.5 Mg/M3	5.8
Crystalline Silica CAS# 14808-60-7	10 Mg/M3	0.05 Mg/M3	0.2
Aluminum Hydroxide CAS# 21645-51-2	Not Est.	Not Est.	1.0
Zirconium			
2-Ethylketoxime CAS# 22464-99-9	5 Mg/M3	5 Mg/M3	1.1
Barium Sulphate CAS# 7727-43-7	15 Mg/M3	10 Mg/M3	6.5

SECTION III-PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 308&#176;F	Specific Gravity: (H2O = 1) 1.10
Vapor Pressure (mm Hg): N/A	Melting Point: N/A
Vapor Density (Air = 1): HEAVIER THAN AR	Evaporation Rate (Butyl Acetate = 1) SLOWER THAN ETHER
Solubility in water: N/A	
Appearance and Odor: Pigmentes colored liquid with solvent odor	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) 105&#176;F PMCC	Flammable Limits LEL N/A	UEL 0.9	N/A
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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 to prevent pressure build-up and possible auto ignition or explosion when exposed to extreme heat.

Unusual Fire And Explosion Hazards:  
Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Heat may cause pressure build-up in closed containers. Water may be used to cool containers.

#### SECTION V- REACTIVITY DATA

Stability: Stable  
Conditions to Avoid:

Incompatibility (Materials to Avoid):  
No hazardous reactions are expected under normal use.

Hazardous Decomposition or Byproducts:  
By fire - Carbon dioxide and carbon monoxide

Hazardous Polymerization: Will not Occur  
Conditions to Avoid:

#### SECTION VI - HEALTH HAZARDS DATA

Routes of Entry: Inhalation? Possible Skin? Possible Ingestion? Possible

Health Hazards (Acute and Chronic):  
Acute: Irritation of eyes, skin and respiratory system may occur on overexposure. May also cause nervous system depression.  
Chronic: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

Carcinogenicity: NTP? No IARC Monographs OSHA Regulated? No

Signs and Symptoms of Exposure:  
Headaches, dizziness, nausea and loss of coordination are indications of excessive exposure to vapors or spray mists.

Medical Conditions Generally Aggravated by Exposure:  
None generally recognized

Emergency and First Aid Procedures:  
If inhaled - remove from exposure - restore breathing - keep warm and quiet. Wash affected area thoroughly with soap and water - flush eyes with large amounts of water for 15 minutes. Get medical attention.

#### 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.

Precautions To Be Taken In Handling and Storage:  
Contents are combustible. Keep away from heat and open flames. Use approved bonding and grounding procedures. Transfer only to approved, properly marked containers.

Other Precautions:  
Keep out of the reach of children. Intentional misuse by deliberately inhaling the contents can be harmful or fatal.

#### SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specify Type):  
Properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA.

Ventilation:                               Local Exhaust   Special  
  Preferable  
  Mechanical (General)                       Other

Protective Gloves:                               Eye Protection:  
Those recommended for use with               Safety spectacles w/unperforated  
Sect. II materials.                               side shields.

Other Protective Clothing or Equipment:

Work Hygienic Practices: