



MATERIAL SAFETY DATA SHEET

FOR COATINGS, RESINS AND RELATED MATERIALS

(Approved by U.S. Department of Labor "Essentially Similar" to Form OSHA174)

HMIS

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	B

Product
186A100, 101, 105, 123, 180, 181, 182, 186, 188, 200, 210, 211, 214, 215

Section I
SEVEN STAR ACRYLIC SEMI-GLOSS LATEX ENAMEL

Manufacturer's Name Paint Division, Ace Hardware Corporation	Emergency Telephone Number (708) 990-8600
Address (Number, Street, City, State, and ZIP Code) 21901 S. Central Ave.	Telephone Number for Information (708) 720-0600
Matteson, IL 60443	Date Prepared MARCH 23, 1996
	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	26.0
PROPYLENE GLYCOL	CAS #57-55-6	NONE	NONE	5.1
CALCIUM CARBONATE	CAS #1317-65-3	15 Mg/M ³		2.2
CARBON BLACK	CAS #1333-86-4	3.5 Mg/M ³	3.5 Mg/M ³	2
DIATOMACEOUS SILICA	CAS #61790-53-2	80 Mg/M ³		1.6
ESTER ALCOHOL	CAS #25265-77-4	NONE	NONE	1.8
ALIPHATIC PETROLEUM DISTILLATE	CAS #64741-88-4			0.7
DIBTHYLENE GLYCOL MONOBUTYL ETHER	CAS #112-34-3	NONE	NONE	0.3
AMMONIUM HYDROXIDE	CAS #1336-21-6	50 PPM	25 PPM	0.5
AMORPHOUS SILICA	CAS #7621-86-9	6 Mg/M ³	10 Mg/M ³	0.2
HYDROXYETHYL CELLULOSE	N.A.			0.2

Section III - Physical/Chemical Characteristics

Boiling Point	212°F	Specific Gravity (H ₂ O = 1)	1.25
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	HEAVIER THAN AIR	Evaporation Rate (Butyl Acrylate = 1)	LOWER 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 FMCC	Flammable Limits	LEL N/A	UEL N/A
Extinguishing Media	Non-combustible - for dry solids use water, foam CO ₂ , 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 contaminated 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/MSHA

Ventilation	Local Exhaust Preferable	Special
	Mechanical (General) Acceptable	Other

Protective Gloves

For use with Sect. II materials

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.