

ACE	MATERIAL SAFETY DATA SHEET	HEALTH	2
Hardware	FOR COATINGS, RESINS AND RELATED MATERIALS	FLAMMABILITY	2
		REACTIVITY	1
		PERSONAL PROTECTION	B

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

PRODUCT: 196A100, 101, 105, 106, 107, 110, 111, 113, 114, 116, 119, 120, 121, 122
 123, 124, 126, 127, 128, 200, 210, 211, 214, 215
 SEVEN STAR RUST PREVENTATIVE QUICK DRYING INDUSTRIAL ENAMEL.

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, 1994
	Signature of Preparer (optional)

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components:		OSHA PEL	ACGIH TLV	%(optional)
(Chemical Identity: Common Name(s))				
Titanium Dioxide	CAS# 13463-67-7	10 Mg/CuM	10 Mg/CuM	27.7
Nepheline Syenite	CAS# 37244-96-5		5 Mg/CuM	45.3
Calcium Carbonate	CAS# 1317-65-3	15(5) Mg/CuM	10 Mg/CuM	22.0
Barium Sulfate	CAS# 7727-43-7		10 Mg/CuM	16.4
Mineral Spirits	CAS# 64742-47-8		100 PPM	30.1
Carbon Black	CAS# 1333-86-4			1.9
Phthalo Blue	CAS# 147-14-8		10(5)Mg/CuM	1.3
Azo Yellow	CAS# 006358-31-2			4.7
Dinitraniline Orange	CAS# 3468-63-1			2.7
Phthalo Green	CAS# 1328-53-6			2.2
Azo Red	CAS# 2425-85-6			5.7
Ethyl Alcohol	CAS# 64-17-5	1000 PPM	1000 PPM	0.5

SECTION III-PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	Specific Gravity: (H2O = 1)
308 F	1.32
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
Solubility in water:	
N/A	
Appearance and Odor:	
Colored pigmented liquid.	

Section IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Flammable Limits	LEL	UEL	
105 F PMCC	N/A		0.9	N/A
Extinguishing Media:				
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):
None known.

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?	Skin?	Ingestion?
	Possible	Possible	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?	IARC Monographs	OSHA Regulated?
No	No	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: