



MATERIAL SAFETY DATA SHEET

FOR COATINGS, RESINS AND RELATED MATERIALS

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

HMIS

HEALTH	2
FLAMMABILITY	2
REACTIVITY	1
PERSONAL PROTECTION	B

Product

195A100, 101, 105, 106, 107, 110, 111, 113, 114, 116, 120, 121, 122, 123, 124, 126, 127, 128, 200, 210, 211, 214, 215

Section I

SEVEN STAR RUST PREVENTATIVE QUICK DRYING INDUSTRIAL ENAMEL

Manufacturer's Name Paint Division, Ace Hardware Corporation	Emergency Telephone Number (708) 990-6600
Address (Number, Street, City, State, and ZIP Code) 21901 S. Central Ave.	Telephone Number for Information (708) 720-0600
Matteson, IL 60443	Date Prepared FEBRUARY 2, 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/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	10Mg/CuM	22.0
BARIUM SULFATE	CAS #7727-43-7		10Mg/CuM	16.4
MINERAL SPIRITS	CAS #8052-41-3		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	308°F	Specific Gravity (H ₂ O = 1)	1.32
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	HEAVIER THAN AIR	Evaporation Rate (Butyl Acetate = 1)	SLOWER THAN ETHER

Solubility in Water:

NOT APPLICABLE

Appearance and Odor

COLORED PIGMENTED LIQUID

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) 105°F PMCC	Flammable Limits N/A	LEL 0.9	UEL N/A
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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.

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid)

None known

Hazardous Decomposition or Byproducts

By fire - Carbon Dioxide, 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: 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? No	OSHA Regulated? No
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Signs and Symptoms of Exposure

Headache, dizziness, nausea & 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. If on skin - wash affected area thoroughly with soap & water. If in eyes - 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 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 Storing

Contents are combustible. Keep away from heat and open flame. Use approved bonding and grounding

procedures. Transfer only to approved, properly marked containers.

Other Precautions

Keep out of 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 Preferable	Special
	Mechanical (General)	Other

Protective Gloves

Those recommended for use with materials in Sect. II

Other Protective Clothing or Equipment

Eye Protection
Safety spectacles w/unperforated side shield

Work/Hygienic Practices