



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

270A100, 106, 110, 115

Section I

ACE INDUSTRIAL MAINTENANCE LATEX TRAFFIC MARKING PAINT

Manufacturer's Name

Paint Division, ACE HARDWARE CORPORATION

Address (Number, Street, City, State and ZIP Code)

21901 S. Central Avenue

Matteson, IL 60443

FOR CHEMICAL EMERGENCY

Spill, Leak, Fire, Exposure or Accident

CALL INFOTRAC - Day or Night

800-535-5053

OUTSIDE THE UNITED STATES CALL COLLECT 1-352-323-3500

Date Prepared

July 1, 1997

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	13463-67-7	10 Mg/M ³	10 Mg/M ³	15.3
ALUMINUM SILICATE	1332-58-7	5(15) Mg/M ³	5(10) Mg/M ³	9.5
NEPHELINE SYENITE	37244-96-5	5 Mg/M ³	10 Mg/M ³	12.6
AMMONIUM HYDROXIDE	1336-21-6	50 PPM	25 PPM	0.1
ALIPHATIC PETROLEUM DISTILLATE	64741-88-4	100 PPM	100 PPM	0.7
PIGMENT YELLOW 42	51274-00-1	10 Mg/M ³		1.9
ESTER ALCOHOL	25265-77-4	NOT EST.	NOT EST.	0.5
PROPYLENE GLYCOL	57-55-6	NONE	NONE	4.2
MICA	12001-26-2	20 MPPCF	3 Mg/M ³	2.1
AZO YELLOW PIGMENT	52320-66-8		15 Mg/M ³	3.1
HYDROSYETHYL CELLULOSE	9004-62-0			0.9
DISPERSING AGENT	PROPRIETARY			0.6

Section III - Physical/Chemical Characteristics

Boiling Point	212°F	Specific Gravity (WATER = 1)	1.37
Vapor Pressure (mm Hg.)	NA	Melting Point	NA
Vapor Density (AIR = 1)	Heavier Than Air	Evaporation Rate (Butyl Acetate = 1)	Slower 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 PMCC	Flammable Limits	LEL	UEL
		NA	NA	NA

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.

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 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/MESA

Ventilation	Local Exhaust Preferable	Special
	Mechanical (General) Acceptable	Other

Protective Gloves

For use with Section II materials.

Eye Protection

Safety spectacles w/unperforated side shields

Other Protective Clothing or Equipment**Work/Hygienic Practices**

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