

271a100

ACE	MATERIAL SAFETY DATA SHEET	HEALTH	2
Hardware	FOR COATINGS, RESINS AND RELATED MATERIALS	FLAMMABILITY	3
		REACTIVITY	1
		PERSONAL PROTECTION	C

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

Product: 271A100, 110 INDUSTRIAL MAINTENANCE TRAFFIC MARKING PAINT

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
Matteson, IL 60443	Date Prepared
	July 30, 1997
	Signature of Preparer (optional)

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components:		OSHA PEL	ACGIH TLV	% (optional)
(Chemical Identity: Common Name(s))				
Nepheline Syenite	CAS# 37244-96-5	Not Est.	5 Mg/M3	22.3
Aluminum Silicate	CAS# 1332-58-7	5 Mg/M3	5 Mg/M3	22.2
Titanium Dioxide	CAS# 13463-67-7	10 Mg/M3	10 Mg/M3	8.0
Naphthol Spirits	CAS# 64742-88-7	100 PPM	100 PPM	16.7
VM ANDP Naphtha	CAS# 64742-89-8	300 PPM	300 PPM	16.7
Ethyl Alcohol	CAS# 64-17-5	1000 PPM	1000 PPM	0.4
Amorphous silica	CAS# 7631-86-9	6 Mg/M3	10 Mg/M3	0.5
Aluminum Hydroxide	CAS# 21645-51-2	Not Est.	Not Est.	0.4
Azo Yellow	CAS# 52320-66-8		15 Mg/M3	2.3
Zirconium				
2-Ethylketoxime	CAS# 22464-99-9	5 Mg/M3	5 Mg/M3	0.2
Methyl Ethyl Ketoxime	PROPRIETARY	Not Est.	Not est.	0.2
Calcium Carbonate	CAS# 1317-65-3		10 Mg/M3	13.6

SECTION III-PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 250°F	Specific Gravity: (H2O = 1) 1.36
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: N/A	
Appearance and Odor: White pigmented colored liquid with solvent odor	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) 60°F PMCC	Flammable Limits N/A	LEL 0.9	UEL 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):	

271a100

No hazardous reactions are expected under normal use.

Hazardous Decomposition or Byproducts:
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
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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:
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 Preferable	Special
	Mechanical (General)	Other

Protective Gloves:
Those recommended for use with Sect. II materials.

Eye Protection:
Safety spectacles w/unperforated side shields.

Other Protective Clothing or Equipment:

Work Hygienic Practices:

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