ACE **HEALTH** Hardware MATERIAL SAFETY DATA SHEET **FLAMMABILITY** 1 REACTIVITY 0 PERSONAL PROTECTION B

FOR COATINGS. RESINS AND RELATED MATERIALS

(Approved by U S Department of Labor "ESSENTIALLY SIMILAR to Form OSHA 174)

Product: 156A100, 200, 210, 211, 214, 215

QUALITY SHIELD ACRYLIC SEMI-GLOSS HOUSE AND TRIM

SECTION I

Manufacture's Name **Emergency Telephone Number** (708) 990-6600 Paint Division, Ace Hardware Corporation

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, 1997

Signature of Preparer (optional)

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components

(Specific Chemical identity Common Name(s)) OSHA PEL **ACGIH TLV** %(optional)

Titanium Dioxide CAS# 13463-67-7 10 Mg/M3 23.1 10 Mg/M3

Hydroxy Ethyl Cellolse CAS# 9004-62-0 0.4

Nonylphenoxypoly

CAS# 68412-54-4 Ethanol Not Est. Not Est. 0.6

Magnesium Silicate CAS# 14807-96-6 20 MPPCF 2 Mg/CuM 0.9

Aromatic Petroleum

Distillate CAS# 64742-9 0.1

Modified Zinc

5Mg/M3 Phosphate CAS# 7779-90-0 5Mg/M3 1.0

CAS# 25265-77-4 Not Est. Ester Alcohol Not Est. 1.8 Propylene Glycol CAS# 57-55-6 None None

3.7 Aliphatic Petroleum

Distillate CAS# 64741-88-4 100 PPM 100 PPM 0.6

Magnesium Aluminum

15 Mg/M3 0.6 Silicate CAS# 12174-11-7 10 Mg/M3

Ammonium Hydroxide 50 PPM 25 PPM 0.2 CAS# 1336-21-6

3-lodo-2-Propynyl

**Butyl Carbamate** CAS# 55406-53-6 Not Est. 0.2

SECTION III- PHYSICAL/CHEMICAL CHARACTERISTIC

**Boiling Point** Specific Gravity (H20 = 1)

212 F 1.27

Vapor Pressure (mm HG.) Melting Point

N/A N/A

Evaporation Rate (Butyl Acetate = 1) Vapor Density (AIR = I)

Heavier Than Air Slower Than Ether

Soluble in Water Dilutable

Appearance and Odor

White pigmented liquid with slight Ammonia odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) Flammable Limits LEL UEL

199 F PMCC N/A N/A N/A

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 containers.

Unusal Fire and Explosion Hazard

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 Conditions to Avoid

Stable

Incompability (Materals to Avoid)

No hazardous reactions are expected under normal use.

Hazardous Decomposition or Byproducts Carbon dioxide and carbon monoxide

Hazardous Polymenzation

Conditions to Avoid

Will Not Occur

## SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: Inhalation? Skin? Ingestion?

Possible Possible

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? IARC Monographs? OSHA Regulated?

No No No

Signs and Symotoms of Exposure Lightheadedness and staggered gait.

Medical Conditions (Generally Aggravated by Exposure)

Chronic: Problems with respiratory system may beaggravated by 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 contained clothing before use.

## 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 (Specific Type) Device approved by NIOSH/MESA

Ventalation Local Exhaust Special

Preferable

Mechanical (General) Other

Acceptable

Protective Gloves For use with in Eye Protection Safety spectacles w/unperforated

Sect. II materials side shield

Other Protective Clothing or Equipment

Work/Hygienic Practices Avoid breathing vapor or spray mist. Avoid contact with skin or eyes.