

MATERIAL SAFETY DATA SHEET

Per OSHA-recommended ANSI Z400.1-2004 standard format &
in accordance with European standard format

1. **Product and Company Identification:** Date of preparation: May, 2011
Product Name: Duralux Marine Paint – M736 Aluminum Boat Green

Producer: Progress Brands, California Products Corporation, 150 Dascomb Rd., Andover, MA 01810 (U.S.A.)
Warehouse (Louisville): Bluegrass Distribution Center, 10313 Bunsen Way, Louisville, KY 40299
All Inquiries To: Tel: 1-800-225-1141 Emergency Information: 24 Hour Contact: CHEM-TEL: (800) 225-3924
International 24 Emergency Phone: 813-248-0585 CHEM-TEL Contract Number: MIS0001450

2. **Hazards Identification:**

EMERGENCY OVERVIEW: Product Description: This product is a liquid with a strong hydrocarbon odor. This product is considered to be a combustible liquid per the OSHA hazard communication standard and should be kept away from heat, flame and sources of ignition. If swallowed, this product may get sucked into the lungs (aspirated) and cause lung damage or even death. Prolonged or repeated skin contact can cause drying of the skin, which may produce severe irritation or dermatitis.

Combustible Liquid:

Flash point: 102°F (TCC).

Flammable Limits: LEL: 1.0%, UEL: (% vol. in air) 7.6%

It has a solvent petroleum odor. When burned the product produces carbon monoxide and other asphyxiates during combustion. Harmful if inhaled and may cause delayed lung injury. Aspiration hazard if swallowed – can enter lungs and cause damage. Keep away from heat, sparks and flame. Avoid breathing vapor. Use ventilation to keep vapor below exposure limits. Avoid contact with eyes, skin and clothing. Material splashed into the eyes will irritate tissues. Gently flush material from eyes with clean water.

3. **Composition/Information on Ingredients:**

Pigmented organic solvent-borne coating comprised of pigments, fillers, additives, and organic solvent-borne resinous binder.

Xylene (CAS #1330-20-7) <1.0% OSHA PEL 100 ppm

Aromatic naphtha (CAS #64742-95-6) 18-25% OSHA PEL 100 ppm

Methyl amyl ketone (CAS #110-43-0) 20-25% OSHA PEL 100 ppm

Carbon Black (CAS #1333-86-4) <1.0% ACGIH TLV 3.5 mg/m³

4. **First Aid Measures:**

INHALATION: Move person to fresh air. Restore breathing. Treat symptomatically. Consult a physician. **SPLASH (EYES):** Flush eyes immediately with large amounts of water for at least 15 minutes. Take to a physician if irritation persists. **INGESTION:** If swallowed, call a physician if irritation persists. Never give anything by mouth to an unconscious person. Treat symptomatically.

5. **Fire-fighting methods:**

Extinguish Media: Foam, dry chemical, or carbon dioxide

Special Fire Fighting Procedures: Use supplied-air breathing equipment for enclosed areas. Cool exposed containers with water spray. Minimize breathing vapor or fumes.

Unusual Fire and Explosion Hazards: Do not mix or store with strong oxidants such as liquid chlorine or concentrated oxygen. "Empty" product containers retain product residue. Do not pressurize, cut, heat, weld, or expose such containers to flame; they may explode and cause injury or death.

6. Accidental release measures:

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition (flame, hot surfaces, and electrical, static, or frictional sparks). Avoid breathing vapors. Use self-contained breathing equipment. Ventilate area. Contain and remove with inert, absorbent material and non-sparking tools. Avoid contact. WASTE DISPOSAL METHOD: Disposal should be done in accordance with Federal (40CFR Par 261), State and Local regulations. Before attempting clean-up, refer to hazard caution information in other sections of the MSDS. Use licensed hazardous waste disposal concern.

7. Handling and Storage:

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Do not store or use near heat or open flame. Refer to OSHA 79CFR Part 1910.106 for specific storage requirements. Keep closure tight and container upright to prevent leakage. Drums of this material should be grounded and bonded when pouring. Do not weld or flame-cut an empty drum. OTHER PRECAUTIONS: Do not get in eyes. Avoid skin contact. Can cause allergic respiratory reaction. Can cause allergic skin reaction. Prevent prolonged or repeated breathing of vapor or spray mists. Do not handle until the manufacturer's safety precautions have been read and understood. Avoid breathing sanding dusts.

8. Exposure Controls/Personal Protection:

RESPIRATORY PROTECTION: Use (MSHA/NIOSH-approved or equivalent) chemical/mechanical filters designed to remove a combination of particulates and organic vapor in open and restricted ventilation areas. Use approved airline-type respirators or hoods in confined areas.

VENTILATION: Sufficient ventilation, in pattern and volume, should be provided to keep the air contaminant concentration below applicable exposure limits. Heavy solvent vapors should be removed from the lower levels of work area, and all ignition sources (non-explosion proof equipment) should be eliminated if flammable/air mixtures will be encountered. All application areas should be ventilated in accordance with OSHA regulation 29CFR Part 1910.94.

PROTECTION GLOVES: Gloves should be worn if skin contact is likely. Use neoprene or rubber gloves to prevent skin contact.

EYE PROTECTION: Use safety eyewear including side shields, face shields, or chemical splash goggles (ANSIZ-87.1, or approved equivalent).

OTHER PROTECTIVE EQUIPMENT: Use disposable or impervious clothing if work clothing contamination is likely. Use protective cream if skin contact is likely. Use full face shield, apron or other appropriate equipment.

HYGIENIC PRACTICES: Wash hands before eating, smoking, or using the wash room. Do not smoke in any chemical handling or storage area. Food or beverages should not be consumed anywhere this product is handled or stored.

9. Physical and Chemical Properties:

Forms: Viscous liquid, strong solvent odor

Density: 9.9 lbs./gal.

Boiling Point: 147-318°F

Vapor Pressure (mm Hg) 11.91mm @ 20°C

Vapor Density: (Air = 1), heavier than air

Solubility in water: Nil

Evaporation Rate (Butyl acetate=1): Slower

10. Stability and Reactivity:

Stability: Hazardous polymerization will not occur. Stable. Hazardous reactions: Avoid high temperatures, amines, acids, hydroxyl or other active hydrogen compounds. Hazardous Decompositions Products: Incomplete combustions may produce fumes, smoke, carbon monoxide and other asphyxiates.

11. Toxicological Information:

Aromatic naphtha: Oral: rat LD₅₀ 3500 mg/kg

Methyl amyl ketone: Inhl: rat LC₅₀ 4000 ppm

12. Ecological Information:

No Data Available.

13. Disposal considerations:

Disposal should be done in accordance with Federal (40CFR Part 261), State and Local regulations. Before attempting clean-up, refer to hazard caution information in other sections of the MSDS. Use licensed hazardous waste disposal concern.

14. Transportation Information:

Paint, 3, Combustible liquid, UN1263, III, NOS

15. Regulatory Information:

VOC CONTENT:

Information on the maximum volatile organic compound (VOC) content of individual products appears on product labels.

U.S. FEDERAL REGULATORY INFORMATION

SARA 302 Threshold Planning Quantity: Non Applicable

SARA 304 Reportable Quantity: Not Applicable

SARA TITLE III-Section 311/312 Hazard Classes:

- Immediate/Acute Health Effects: Yes
- Delayed/Chronic Health Effects: No
- Fire Hazard: Yes
- Sudden Release of Pressure Hazard: No
- Reactivity Hazard: No

EPATSCA Inventory: The components of this product are listed on the EPATSCA inventory of chemicals.

CANADIAN REGULATORY INFORMATION

The components of this product are listed on the Canadian (DSL) Domestic Substance List.

CALIFORNIA PROPOSITION 65 INFORMATION

This material contains no intentionally added ingredients, covered by the California "Safe Drinking Water and Toxic Enforcement Act of 1986" (Proposition 65).

EUROPEAN (ECC) REGULATORY INFORMATION

The components of this product are listed on the European Inventory of Existing Commercial Substances.

16. Other Information:

Note: Per 29CFR 1910.1200 (g) (2) (1) (C) (2), only hazardous substances present in excess of 1.0% by weight (or 0.1% for carcinogens) must be listed on an MSDS.

HMIS HAZARD RATING			
Health 2	Flammability 2	Physical Hazard 0	Personal Protection X
HAZARD INDEX			
0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe			
PERSONAL PROTECTION CODE:			
X = If there is potential for prolonged or repeated skin contact, wear plastic gloves for the duration of anticipated exposure. Gloves impervious to solvents.			

Warning! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD (5323) or log on to: www.epa.gov/lead