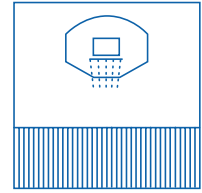




Revolution

Water Based Wood Finish



dalco

Wood Floor Finishing Made Easy

This water-based urethane/acrylic wood floor finish provides long-lasting beauty and protection to all wood floors. It's a single component product that is easily applied with most applicators. It offers excellent black mark, scuff and soil resistance and is uniquely restorable with high speed burnishing equipment.

Features

- Single-Component Formula Means No Pot Life and No Mess
- Contains Reactive Polymers That Offer Durability and Appearance Equal to or Greater Than Oil-Modified Products
- One Hour Dry Time Between Coats Under Normal Conditions Only 24 Hour Gym Down Time
- Large Area Coverage – Up to 1000 Sq. Ft. Per Gallon
- Slip-Resistant – UL Classified

SPECIFICATIONS FOR REVOLUTION

Type	Urethane / Acrylic Blend
Form	Opaque Liquid
Odor	Bland
Color	Off-White
Weight per Gallon	8.65 lbs.
pH	7.0 - 8.0
Storage Stability.....	Up to 1 Year, Unopened
Freeze/Thaw	Passes 3 Cycles
V.O.C.	<275 gm/l
Floor Solids	29%



Distributed by:

dalco

300 5th Ave NW
New Brighton, MN 51122
www.dalcoonline.com
1-800-950-1975

Twin Cities

Duluth

Rochester

LaCrosse

MATERIAL SAFETY DATA SHEET

SECTION 1. PRODUCT/MANUFACTURER'S IDENTITY

PRODUCT NAME: REVOLUTION
PRODUCT NUMBER: NA
PRODUCT USE: Wood floor finish

PRODUCT I.D. NUMBER (PIN): N.A.

WHMIS CLASS: D2B

DOT HAZARD CLASS: Non-Hazardous

DOT SHIPPING NAME:

N.A.

COMPANY:
DALCO ENTERPRISES, INC.
300 5TH AVE. N.W.
NEW BRIGHTON, MN 55112

EMERGENCY PHONE: 800-843-6174

H.M.I.S.

	HEALTH	HAZARD RATING
1	HEALTH	
0	FIRE	4 = Extreme 3 = High
0	REACTIVITY	2 = Moderate 1 = Slight 0 = Insignificant
B	MAXIMUM PERSONAL PROTECTION	

A = Goggles B = Goggles & Gloves C = Goggles, Gloves & Apron

ABBREVIATION KEY: N.A. = Not Applicable N.E. = Not Established N.D. = Not Determined

SECTION 2 - HAZARDOUS INGREDIENTS INFORMATION

HAZARDOUS CHEMICAL IDENTITY	CAS NO.	%	PEL	TLV	LD50	LC50
Water	7732-18-5	10-30	N.E.	N.E.	N.D.	N.D.
2-Butoxyethanol	111-76-2	3	25ppm	25ppm	450mg/kg	700ppm 7hr
Diethylene glycol monobutyl ether	112-34-5	3	N.E.	N.E.	7292mg/kg	N.D.
n-Methyl-2-pyrrolidone	872-50-4	3	N.E.	N.E.	4200mg/kg	N.D.
Acrylic polymer	N.A.	40-70	N.E.	N.E.	N.D.	N.D.
Urethane polymer	N.A.	10-30	N.E.	N.E.	N.D.	N.D.

This mixture contains 3% 2-Butoxyethanol, 3% Diethylene glycol monobutyl ether and 3% n-Methyl-2-pyrrolidone which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR, Part 372.

SECTION 3 - PHYSICAL DATA

Color: Light Yellow **Boiling Point:** 100°C (212°F) **Vapor Pressure:** <30 mm of Hg **pH:** 7.0 - 8.0
Odor: Bland **Freezing Point:** 0°C (32°F) **Vapor Density (Air=1):** <1 **1% pH:** N.A.
Physical State: Liquid **Water/Oil Distribution:** N.E. **Evaporation Rate (Water=1):** N.E. **Specific Gravity:** 1.03 gm/ml
Solubility in Water: Miscible **Odor Threshold:** N.E. **VOC Content:** 9.5% **Weight per Gallon:** 8.60 lbs./gal.

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: N.A. **Autoignition Temperature:** N.A. **Extinguishing Media:** Use dry chemical or CO2.
Flammable Limits: N.A. **LEL:** N.A. **UEL:** N.A. **Special Fire Fighting Procedures:** None.
Hazardous Combustion Products: N.A. **Unusual Fire and Explosion Hazards:** None.

SECTION 5 - REACTIVITY DATA

Chemical Stability: Stable. **Hazardous decomposition of By-Products:** None known.
Incompatibility (Materials to Avoid): None known. **Hazardous Polymerization:** Will not occur.

SECTION 6 - TOXICOLOGICAL PROPERTIES

Routes of Entry: Ingestion. Inhalation. Skin contact. Eye contact. **Toxicologically Synergistic Products:** None known.
Sensitization: No. **Medical Conditions Aggravated by Exposure:** None known.
EFFECTS OF OVEREXPOSURE (Acute and/or Chronic):
Eyes: Direct contact may cause irritation.
Skin: Prolonged or repeated contact may cause irritation. May be absorbed through skin with prolonged or repeated contact. **Carcinogenic Effects:** NO carcinogenic effect.
Ingestion: May cause gastrointestinal irritation, nausea, diarrhea. **Mutagenic Effects:** NO mutagenic effect.
Inhalation: Prolonged exposure in poorly ventilated area may cause respiratory irritation. **Teratogenic Effects:** NO teratogenic effect.
Reproductive Toxicity: NO reproductive toxicity effect.

SECTION 7 - PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: None normally required with adequate ventilation. **Ventilation:** Local Exhaust: Acceptable Mechanical: Recommended
Protective Gloves: Rubber for prolonged exposure. **Eye Protection:** Safety glasses if splashing is likely.
Protective Clothing and Equipment: As needed to prevent wetting of skin. **Work and Hygienic Practices:** Wash thoroughly after handling.
Storage Requirements: Store in cool, dry area. Follow good housekeeping practices. **Other Requirements:** Keep out of reach of children.

Steps to be Taken if Material is Spilled or Released: Collect and reuse if possible. Flush to sewer with large quantities of water if permitted by regulatory authorities or absorb on inert material (sand, clay, etc.) and place into container for proper disposal. Do not allow runoff into public waterways.

Waste Disposal: Dispose of as permitted by all federal, provincial, state and local regulatory authorities.

SECTION 8 - EMERGENCY FIRST AID PROCEDURES

FIRST AID - NOTES TO PHYSICIAN:

Eyes: Flush with a large amount of water for 15 minutes holding eyelids open.

Skin: Wash with mild soap and water.

Ingestion: Give 2-3 large glasses of water. Seek medical attention.

Inhalation: Remove to fresh air and rest.

Note to Physician: No additional information.

SECTION 9 - PREPARATION INFORMATION

Prepared By: Regulatory Affairs Department

Phone: 651-604-2966