



Constellation

Durable, Low Maintenance Finish



dalco

High Gloss - Low Maintenance

This extremely durable acrylic floor finish offers exceptional gloss with superb black mark and scuff resistance. Specially designed metal cross-linked copolymers make it highly resistant to alkaline cleaners and repeated scrubbing. Its fast-drying, low maintenance formula will provide long life and beauty to your floors at a lower cost.

Features

- For Resilient Vinyl Tile and Non-Resilient Floors (Stone)
- Non-Yellowing, Low Maintenance Formula
- Large Area Coverage – Up to 3000 Sq. Ft. per Gallon
- Fast-Drying : 20 - 30 Minutes Under Normal Conditions
- Perfect for Classrooms, Patient Rooms, Offices, Etc.
- Slip-Resistant – Meets ASTM D2047

SPECIFICATIONS FOR CONSTELLATION

Type	Metal-Interlocked Acrylic
Form	Opaque Liquid
Odor	Bland
Color	Milky White
Film Clarity	Clear
Weight per Gallon	8.66 lbs.
pH	8.9
Storage Stability.....	Min. 1 Year
Freeze/Thaw	Passes 3 Cycles
V.O.C.	<300 gm/l
Floor Solids	18%



Distributed by:
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 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: CONSTELLATION

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

H.M.I.S.

PRODUCT NUMBER: NA

WHMIS CLASS: D2B

PRODUCT USE: Floor finish

DOT HAZARD CLASS: Non-Hazardous

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

DOT SHIPPING NAME:

N.A.

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

EMERGENCY PHONE: 800-843-6174

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	40-70	N.E.	N.E.	N.D.	N.D.
Diethylene glycol monoethyl ether	111-90-0	3	N.E.	N.E.	5.4g/kg	N.D.
Dipropylene glycol monomethyl ether	34590-94-8	1-5	100ppm	100ppm	7g/kg	N.D.
Tributoxyethyl phosphate	78-51-3	1-5	N.E.	N.E.	9.49g/kg	30mg/l
Acrylic emulsion polymer	N.A.	40-70	N.E.	N.E.	>5g/kg	N.D.

This mixture contains 3% Diethylene glycol monoethyl ether which is 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: Milky	Boiling Point: 100°C (212°F)	Vapor Pressure: <30 mm of Hg	pH: 8.1 - 8.3
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: 4.5%	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.	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.	Carcinogenic Effects: NO carcinogenic effect.
Skin: Prolonged or repeated contact may cause irritation.	Mutagenic Effects: NO mutagenic effect.
Ingestion: May cause gastrointestinal irritation, nausea, diarrhea.	Teratogenic Effects: NO teratogenic effect.
Inhalation: Prolonged exposure in poorly ventilated area may cause respiratory irritation.	Reproductive Toxicity: NO reproductive toxicity effect.

SECTION 7 - PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: None normally required with adequate ventilation.	Ventilation: Local Exhaust: N.A. Mechanical: Acceptable
Protective Gloves: Rubber to protect sensitive skin.	Eye Protection: As required to prevent splashing into eyes.
Protective Clothing and Equipment: As needed to prevent wetting of clothing.	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. In all cases if symptoms persist, seek medical attention.

Note to Physician: No additional information.

SECTION 9 - PREPARATION INFORMATION

Prepared By: Regulatory Affairs Department

Phone: 651-604-2966