



MATERIAL SAFETY DATA SHEET (MSDS)

Orbit All-Systems Floor Finish Floor Finishes



SECTION I ▶ PRODUCT IDENTIFICATION					
Product Name		Product Type		WHMIS Classification	
Orbit		All-Systems Floor Finish		Not Applicable	
SECTION II ▶ HAZARDOUS INGREDIENTS					
Chemical Name		Cas Registry No.	%	Toxicity	
Not Applicable					
SECTION III ▶ PHYSICAL DATA					
Appearance	Odour	pH	Boiling Point	Specific Gravity	Solubility in Water
White emulsion	Acrylic	8.0	100 °C	1.0	100 %
SECTION IV ▶ FIRE AND EXPLOSION HAZARD DATA					
Flash Point (°C): None			Extinguishing media: Not Applicable		
Special fire fighting procedures: None					
Unusual fire and explosion hazards: None					
SECTION V ▶ TOXICOLOGICAL PROPERTIES					
HAZARD RATING: Health = 1 Flammability = 0 Reactivity = 0					Rating System 0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme
Swallowing: Slightly Toxic.					
Inhalation: Not Applicable					
Skin Absorption: Not Applicable					
Skin Contact: Slight Irritant					
Eye Contact: Slight Irritant					
Special Warning: None					
SECTION VI ▶ FIRST AID MEASURES					
Ingestion: Drink 3-4 glasses of milk or water.					
Inhalation: Not Applicable					
Skin: Flush with water.					
Eyes: Flush with water. If irritation persists, call a physician.					
SECTION VII ▶ REACTIVITY DATA					
Stable: Yes					
Conditions to avoid: None					
Incompatibility with other materials: None					
Hazardous decomposition products: None					
Hazardous polymerization: Will not occur.					
SECTION VIII ▶ PREVENTIVE MEASURES					
Hand protection: No					
Eye protection: No					
Ventilation: General					
Respiratory protection: None					
Other protective equipment: None					
Steps to be taken in case material is released or spilled: Mop up spillage. Rinse spill area with water and allow to dry.					
Waste disposal method: Flush with water into waste systems in accordance with municipal, provincial and federal regulations.					
Precautions to be taken in handling and storage: Normal handling processes. Inside storage at 4-40 °C recommended.					
Other precautions: Follow label use instructions.					
UN: Not Applicable		TDG Class: None		Packing Group: Not Applicable	
TDG Emergency Telephone Number: 613-996-6666 (COLLECT)					
SECTION IX ▶ PREPERATION DATA					
Prepared by: D.R. Dunlop			Last updated: August 1, 2012		
Location: Dustbane Products Limited, 25 Pickering Place, Ottawa, Ontario, K1G 5P4 – 613-745-6861					

Orbit

All-Systems Floor Finish

"An Ecologo Certified Product. Developed for use in high profile areas where the ultimate "Wet Look" gloss and durability are desired. With its high solid content it builds the required film thickness with less numbers of coats."

FEATURES AND BENEFITS

Polymer Technology: A.P.E. free, Zinc free

Odour: Low odour.

Fast drying: Will dry in as few as 15 minutes.

High solids: Excellent durability; resists scuff, scratches, heel marks, etc.

Deeper gloss: Superior appearance. Wet look.

Slip resistant: Produces a safe, slip-free surface.

Easy to apply: Excellent levelling and gloss; non streaking; no mop drag.

Easy to remove: Readily removed using conventional strippers.

Rapid Recoating: Able to apply many coats in a small time frame.

WHERE TO USE

Should be used to protect and enhance the appearance of high profile area floors such as showrooms, foyers, reception areas, lobbies and other areas in shopping malls, airports, hospitals, nursing homes, universities, theatres and commercial buildings. May be applied to all resilient and non-resilient floors except for unsealed wood and cork.

HOW TO USE

PREPARATION: Before your initial application, the floor must be stripped of any old finish and rinsed thoroughly with potable water.

APPLICATION: Using a clean mop and bucket, apply 1-3 coats of ORBIT (depending on the porosity of the floor) allowing 30 minutes drying time between coats.

MAINTENANCE: Dust and/or wet mop daily. Spray buff as needed. For best results, after damp mopping with a neutral floor detergent (Excelsior), apply ORBIT diluted at 1:4, let dry for 30 minutes then burnish the floor. Burnishing daily is highly recommended but not imperative.

Note: Orbit conforms to Ecologo Standard CCD-147 "Floor Finish".

SPECIFICATIONS

Type: Acrylic styrene copolymer – zinc free

Appearance: White emulsion

Fragrance: Pleasant

Viscosity: As water

Coating Gloss (5 coats): 89 %

pH: 8.0

Non-volatile %: 20.0

Slip Resistance: 0.5 min (ASTM D-2047)

Freeze-Thaw Stability: Passes 3 cycle

Dry Time: 15 minutes

Refractive Index: 25.0

Zinc Crosslinker: No

WHMIS: No

TDG: No

Environment: A.P.E. free and Zinc free