



# MATERIAL SAFETY DATA SHEET (MSDS)

**Orbit**  
**All-Systems Floor Finish**

*Floor Finishes*



SECTION I ▶ PRODUCT IDENTIFICATION					
<b>Product Name</b>		<b>Product Type</b>		<b>WHMIS Classification</b>	
Orbit		All-Systems Floor Finish		Not Applicable	
SECTION II ▶ HAZARDOUS INGREDIENTS					
<b>Chemical Name</b>		<b>Cas Registry No.</b>	<b>%</b>	<b>Toxicity</b>	
Not Applicable					
SECTION III ▶ PHYSICAL DATA					
<b>Appearance</b>	<b>Odour</b>	<b>pH</b>	<b>Boiling Point</b>	<b>Specific Gravity</b>	<b>Solubility in Water</b>
White emulsion	Acrylic	8.0	100 °C	1.0	100 %
SECTION IV ▶ FIRE AND EXPLOSION HAZARD DATA					
<b>Flash Point (°C):</b> None			<b>Extinguishing media:</b> Not Applicable		
<b>Special fire fighting procedures:</b> None					
<b>Unusual fire and explosion hazards:</b> None					
SECTION V ▶ TOXICOLOGICAL PROPERTIES					
<b>HAZARD RATING:</b> Health = 1 Flammability = 0 Reactivity = 0					<b>Rating System</b> 0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme
<b>Swallowing:</b> Slightly Toxic.					
<b>Inhalation:</b> Not Applicable					
<b>Skin Absorption:</b> Not Applicable					
<b>Skin Contact:</b> Slight Irritant					
<b>Eye Contact:</b> Slight Irritant					
<b>Special Warning:</b> None					
SECTION VI ▶ FIRST AID MEASURES					
<b>Ingestion:</b> Drink 3-4 glasses of milk or water.					
<b>Inhalation:</b> Not Applicable					
<b>Skin:</b> Flush with water.					
<b>Eyes:</b> Flush with water. If irritation persists, call a physician.					
SECTION VII ▶ REACTIVITY DATA					
<b>Stable:</b> Yes					
<b>Conditions to avoid:</b> None					
<b>Incompatibility with other materials:</b> None					
<b>Hazardous decomposition products:</b> None					
<b>Hazardous polymerization:</b> Will not occur.					
SECTION VIII ▶ PREVENTIVE MEASURES					
<b>Hand protection:</b> No					
<b>Eye protection:</b> No					
<b>Ventilation:</b> General					
<b>Respiratory protection:</b> None					
<b>Other protective equipment:</b> None					
<b>Steps to be taken in case material is released or spilled:</b> Mop up spillage. Rinse spill area with water and allow to dry.					
<b>Waste disposal method:</b> Flush with water into waste systems in accordance with municipal, provincial and federal regulations.					
<b>Precautions to be taken in handling and storage:</b> Normal handling processes. Inside storage at 4-40 °C recommended.					
<b>Other precautions:</b> Follow label use instructions.					
<b>UN:</b> Not Applicable		<b>TDG Class:</b> None		<b>Packing Group:</b> Not Applicable	
<b>TDG Emergency Telephone Number:</b> 613-996-6666 (COLLECT)					
SECTION IX ▶ PREPARATION DATA					
<b>Prepared by:</b> M. Mikoluk			<b>Last updated:</b> June 1, 2015		
<b>Location:</b> Dustbane Products Limited, 25 Pickering Place, Ottawa, Ontario, K1G 5P4 – 613-745-6861					

# Orbit

## All-Systems Floor Finish

“Developed for use in high profile areas where the ultimate “wet look” gloss and durability are desired. A high solid content builds the required film thickness with fewer coats, producing a safe, slip-free surface.”

### FEATURES AND BENEFITS

**Reduced environmental impact:** ECOLOGO Certified UL 2777 - Hard Floor Care Products.

**Odour:** Low odour.

**Fast Drying:** Will dry in as few as 30 minutes.

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

**Easy to use:** Excellent levelling and gloss; non streaking; no mop drag during application. Readily removed using conventional strippers. Able to apply many coats in a small time frame. Using polymer technology. A.P.E. and zinc free.

### 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, rinsed thoroughly with potable water and allowed to dry. Sealing the floor is recommended prior to applying a floor finish.

#### Application

Using a clean mop and bucket, apply 1-3 coats (depending on the porosity of the floor) allowing the floor to completely dry between coats, at least 30 minutes or more.

#### Maintenance

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

#### Coverage

Coverage per 4 L is 150 m<sup>2</sup> (1600 ft<sup>2</sup>) to 240 m<sup>2</sup> (2500 ft<sup>2</sup>) depending upon porosity of the floor.

### 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)

**Dry Time:** 30 minutes

**Refractive Index:** 25.0

**Zinc Crosslinker:** No

**WHMIS:** No

**TDG:** No

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

**CFIA:** Yes