



# 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><br>0 = Insignificant<br>1 = Slight<br>2 = Moderate<br>3 = High<br>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> 613-996-666 (COLLECT)  |              |                          |  |                                      |  |
| SECTION IX ▶ PREPERATION DATA   |              |                          |  |                                      |  |
| <b>Prepared by:</b> D.R. Dunlop   |              |                          | <b>Last updated:</b> October 20, 2009      |                                      |  |
| <b>Location:</b> Dustbane Products Limited, 25 Pickering Place, Ottawa, Ontario, K1G 5P4 – 613-745-6861                             |              |                          |  |                                      |  |

# Orbit

## All-Systems Floor Finish

"An Environmental Choice Certified Product. Developed for use in high profile areas where the ultimate "Wet Look" gloss and durability are desired."

### 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 Environmental Choice 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 %

**Actives %:** 25.0

**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