



# MATERIAL SAFETY DATA SHEET (MSDS)

## Endurance High Durability Floor Finish

### Floor Finishes



SECTION I ▶ PRODUCT IDENTIFICATION					
<b>Product Name</b>		<b>Product Type</b>		<b>WHMIS Classification</b>	
Endurance		High Durability 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	8.5	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 ▶ PREPERATION DATA					
<b>Prepared by:</b> D.R. Dunlop			<b>Last updated:</b> October 15, 2009		
<b>Location:</b> Dustbane Products Limited, 25 Pickering Place, Ottawa, Ontario, K1G 5P4 – 613-745-6861					

# Endurance

## High Durability Floor Finish

“Provides maximum durability but requires minimal maintenance.”

### FEATURES AND BENEFITS

Polymer technology – A.P.E. free
Detergent resistant – fortified with a tough acrylic/urethane polymer blend
Durable – resists scuffs, scratches, heel marks, etc
Low maintenance – reduces labour costs
Slip resistant – produces a safe, slip-free surface
Ease of application – apply and maintain using most of the same procedures and equipment as a standard floor finish
Easy to remove – readily removed using conventional strippers
Dries clear – no yellowing
Multi-use – may be used with ultra high speed burnish, dry-bright and spray-buff systems, and on all resilient and non-resilient floors except unsealed wood

### WHERE TO USE

Use in areas where there is high traffic which wears the finish, such as grocery stores, convenience stores, schools, lobbies, etc.

### HOW TO USE

**PREPARATION:** Floor must be clean, dry and stripped of any old finish. Rinse thoroughly with potable water and allow to dry. For maximum gloss, seal the floor with two (2) coats of sealer.

**APPLICATION:** Using a clean mop and bucket, apply three (3) coats of ENDURANCE, allowing 30 minutes drying time between coats.

**MAINTENANCE:** Low Maintenance Program

Daily – Remove surface dirt and dust with a treated dust mop. (This will improve appearance and reduce wear of the finish)

Dry Bright – Damp mop as needed with a neutral floor detergent

Spray Buff – Clean the floor with a neutral floor detergent. Spray buff using a spray buff maintainer.

UHS Burnishing – Clean the floor with a neutral detergent. Apply an ultra high speed floor maintainer with a clean mop. Let dry 30 minutes and burnish the floor.

### SPECIFICATIONS

**Type:** Acrylic/Urethane blend

**Appearance:** White emulsion

**Fragrance:** Acrylic

**Viscosity:** As water

**Coating Gloss (5 coats):** 90 %

**Dry Time:** 15-30 minutes

**pH:** 8.5

**Sugar Refract:** 23.9-24.3

**Slip Resistance:** 0.5 min (ASTM D-2047)

**Freeze-Thaw Stability:** passes 3 cycle

**Total Solids:** 18.0%

**WHMIS** : no

**TDG:** no