



MIRAGE

Premium Floor Finish

DESCRIPTION

It's not an illusion! As a top quality, premium floor finish, **Mirage** leaves your floors with a deep, wet-look gloss long after they are dry. **Mirage** has been engineered for long wear in high traffic locations and initial wet-look gloss without burnishing. **Mirage** offers all the durability of a dri-brite floor finish plus a superior ultra high-speed burnishing response.

The unique polymer has been complemented with a high gloss, all acrylic resin, imparting excellent flow and leveling characteristics, low foam and clarity. The radically different approach to the cross linking of polymers in **Mirage** reduces odor and prevents disturbing the underlying coats of finish, making the application of **Mirage** less sensitive to humid environments.

Mirage's cross linking eliminates streaking and hazing while reducing mop drag that is present in other high solid floor finishes. The high solids content in **Mirage** means fewer coats to achieve maximum results. Reduced costs combined with excellent detergent resistance to repeat cleaning cycles yields a lower in use cost than most competitive products on the market. When only the best will do, wet-look **Mirage** is the obvious choice! **Mirage** can be used most types of resilient flooring such as linoleum, marmoleum, vinyl sheet and vinyl composite tile.

DIRECTIONS

A sealer is not required, but if you have a very porous floor it may be advantageous to apply *Foundation* sealer. Two coats of *Foundation* are often sufficient.

Preparation:

Strip the floor with #1 Remover then pick up spent solution with a mop or wet-vac making sure solution does not dry. Rinse floor with *NeutraMax* as per label instructions.

Application:

1. Use a clean finish mop, either fine string or candy striped. Pre-wet with water and wring out mop to conserve finish. 2. Apply 4-5 even coats of **Mirage**. More may be required if you have an unsealed, porous floor or need a good base to propane burnish. 3. Immerse mop in finish. Do not wring your mop but press firmly into wringer to remove excess finish.

Maintenance:

1. Dust floor with treated dust mop. 2. Clean floor by damp mopping or autoscrubber using M-chem's neutral detergent, *NeutraMax*, as per label instructions. 3. Spray buff with *Armor-Ace* or burnish as desired. *Armor-Ace* may be used to enhance the gloss by applying before burnishing.

PHYSICAL DATA

Solids	25% (non-volatile) minimum
Drying Time	20-30 minutes
Coverage	2500 square feet per gallon (average)
Slip Resistance	Passes ASTM D2047
Performance	Excellent Leveling, Scuff Resistance, Depth of Gloss and Burnishability

Durable. Reliable. Long lasting. Commercial floor finish.

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **MIRAGE**

WHMIS CODE: D2B

HMIS

Product Use: *Floor Finish.*

Proper Shipping Name: N/A

1	Health
0	Flammability
0	Reactivity
B	Personal

Hazard Class: N/A

UN Number: N/A

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EMERGENCY PHONE

Canada: Canutec 613-996-6666
U.S.A.: Chemtrec 800-424-9300

A=Goggles, B=Goggles & Gloves
C=Goggles, Gloves and Apron

ABBREVIATION KEY: N/A=Not Applicable, N/E=Not Established, N/D=Not Determined, > =Greater Than

SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS NO.	RANGE %	PEL	TLV
DIETHYLENE GLYCOL MONOETHYL ETHER	111-90-0	1.0-5.0	N/E	N/E
The above item is reported per 40 CFR 372, Section 313 of Emergency Planning and Community Right to Know Act of 1986.				
LD50 (Oral-Rat)	5540 mg/kg			
LD50 (Dermal-Rat)	6000 ml/kg			
LC50	No Data			
DIPROPYLENE GLYCOL METHYL ETHER	34590-94-8	1.0-5.0	100 ppm	100 ppm
The above item is reported per 40 CFR 372, Section 313 of Emergency Planning and Community Right to Know Act of 1986.				
LD50	5430 mg/kg			
LD50	9500 mg/kg			
LC50	N/A			
DIBUTYL PHTHALATE	84-74-2	0.5-1.5	5 mg/m3	5 mg/m3
The above item is reported per 40 CFR 372, Section 313 of Emergency Planning and Community Right to Know Act of 1986.				
LD50	8000 mg/kg			
LD50 (Rabbit)	>20 ml/kg			
LC50, 2hrs. (Mouse)	2500 mg/m3			

SECTION 3 – PHYSICAL DATA

Color and Odor: Milky white, characteristic odor.	Boiling Point: N/D	Vapor Pressure (mm HG): N/D	pH: 8.0 – 8.5
Physical State: Liquid.	Melting Point: N/A	Vapor Density: N/D	Specific Gravity: 1.025 @ 20°C
Coef. Water/Oil Dist: Greater than 1.0	Evaporation Rate: N/D	Solubility in Water: Soluble	Odor Threshold: No Data

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: None to 100°C	Sensitivity to Mechanical Impact: None.	Extinguishing Media: Not flammable.
Flammable Limits: None known.	Sensitivity to Static Discharge: None.	Auto ignition Temperature: None known.
Unusual Fire and Explosion Hazards: None.		Conditions of Flammability: None.

Hazardous Combustion Products: Decomposition may produce carbon oxides and/or acrylic monomers.
Special Fire Fighting: Wear NIOSH/MSHA approved, self-contained breathing apparatus for fire fighting situation.

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable under normal storage conditions. **Hazardous Polymerization:** Will not Occur.
Incompatibility (material to avoid): Strong acids, alkalis, heavy metal salts and oxidizing agents.
Hazardous Decomposition Products: Carbon oxides and acrylic monomer fumes upon thermal decomposition.

SECTION 6 – TOXICOLOGICAL DATA

Exposure Limits: See Section 2 under Hazardous Ingredient.	Routes of Entry: Skin, eyes, inhalation.
Irritancy of Product: May be irritating to skin and eyes.	Carcinogenicity: None known.
Sensitization: None known.	Mutagenicity: None known.
Teratogenicity: None known.	Reproductive Toxicity: None known.
Name of Toxicological Synergistic Product: None known.	

Effects of Chronic Exposure: Prolonged or repeated exposure may cause skin irritation or dermatitis.
Effects of Acute Exposure to Product: Product exposure may irritate skin and eyes. Prolonged inhalation of vapors or mists may irritate respiratory system. Ingestion may cause gastro-intestinal and abdominal discomfort.

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: Not required for normal use of product.
Ventilation: Good general ventilation or local exhaust ventilation for spraying and misting in confined areas.
Protective Gloves: Not required for normal use of product. Use Butyl rubber or Neoprene gloves when handling directly.
Eye Protection: Normally not required. However, Chemical goggles or safety glasses when eye contact may occur.
Protective Clothing and Equipment: Long sleeve coveralls. Eye wash recommended in the immediate work area.
Storage and Handling Procedures: Use good Industrial hygiene. Avoid contact with skin, eyes and clothing. Store in a cool, dry place away for incompatibles. Keep container closed when not in use. Do not mix with other chemicals. Store at temperatures below 30°C and keep from freezing.
Disposal Procedures for Spills or Leaks: Wear protective equipment. Soak up spills with absorbents, then dispose of in an appropriate waste container. Keep material away from sewers.
Waste Disposal Method: Reuse or neutralize with soda ash or sodium bicarbonate if possible. Otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations.
Special Shipping Information: Keep from freezing and temperatures above 30°C.

SECTION 8 – EMERGENCY FIRST AID PROCEDURES

First Aid:
If swallowed, give plenty of clean water to drink to dilute product. Do not induce vomiting. Call a Physician. In case of contact with eyes, flush with clean water for 15 minutes. Get medical attention. For contact with skin, wash with clean water and rinse well. If irritation occurs or persists, get medical attention.

PREPARATION DATA

PREPARED BY: Technical Service / Regulatory Division PHONE: 604-526-5655 LAST UPDATE: 07/04/11
THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE