



MAX SHINE

Next Generation Floor Finish

DESCRIPTION

Max Shine is a revolutionary, new-technology floor finish designed to save time and money. **Max Shine** is a combination of urethane and polymers that deliver a rich, water clear gloss to bring out a floor's natural beauty without hiding under a thick, wax barrier.

Max Shine's unique chemistry enables it to be applied in thin coats: up to 4000 square feet per US gallon, nearly twice its competitors. It can also be walked through while still wet and yet it will not leave footprints.

Max Shine is a cherry-scented, versatile floor finish that can be applied on a variety of floors such as linoleum, marmoleum, vinyl, vinyl asbestos, tile, marble, concrete and even sealed wood. It can be used alone or in conjunction with a high-quality sealer such as *Holdout®*, and can be applied directly on top of most other finishes. **Max Shine** readily responds to high speed burnishing, however some users simply top coat with a thin layer of **Max Shine** to forgo burnishing. **Max Shine** is an extremely durable product that resists chemical attacks, black heel marks and yellowing. It can withstand high traffic wear and the abrasiveness of high speed burnishing equipment so your floor shines bright and clear for a long, long time.

DIRECTIONS

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 2-3 even coats of **Max Shine**. More may be required if you have an un-sealed, 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. Or use a thin topcoat of **Max Shine** as necessary to restore your floor to its original, glossy shine.

Burnishing:

Those who burnish **Max Shine** generally use a medium synthetic pad - either champagne or aqua.

PHYSICAL DATA

Solids	20%
Drying Time	5 - 7 minutes (ideal conditions)
Coverage	4000 square feet per US gallon (maximum)
Slip Resistance	Passes ASTM D2047
Performance	Excellent Leveling, Scrubability, Black Mark Resistance and Removability

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **MAX SHINE**

Product Use: *Floor Finish.*

WHMIS CODE: D2B
 Proper Shipping Name: N/A
 Hazard Class: N/A
 UN Number: N/A
 HS Tariff Classification Number: 3404.90 (prepared waxes)

HMIS	
1	Health
0	Flammability
0	Reactivity
B	Personal

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

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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
DIPROPYLENE GLYCOL METHYL ETHER	34590-94-8	1.0-5.0	100 ppm	100 ppm
LD50	5135 mg/kg			
LD50	9500 mg/kg (Rabbit)			
LC50	N/A			
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			

SECTION 3 – PHYSICAL DATA

Color and Odor: Milky white, cherry scent.	Boiling Point: N/D	Vapor Pressure (mm HG): N/D	pH: 8.0 – 9.0
Physical State: Liquid.	Melting Point: N/A	Vapor Density: N/D	Specific Gravity: 1.03 @ 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
Flammable Limits: None known.
Unusual Fire and Explosion Hazards: 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. Use water spray to cool all nearby fire exposed surfaces.

Sensitivity to Mechanical Impact: None.
Sensitivity to Static Discharge: None.

Extinguishing Media: Not flammable.
Auto ignition Temperature: None known.
Conditions of Flammability: None.

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable under normal storage conditions.
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.

Hazardous Polymerization: Will not Occur.

SECTION 6 – TOXICOLOGICAL DATA

Exposure Limits: See Section 2 under Hazardous Ingredient.
Irritancy of Product: May be irritating to skin and eyes.
Sensitization: None known.
Teratogenicity: 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.

Routes of Entry: Skin, eyes, inhalation.
Carcinogenicity: None known.
Mutagenicity: None known.
Reproductive Toxicity: None known.

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 from 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: Store at temperature below Keep 30°C. Keep from freezing.

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

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THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE