



# MATERIAL SAFETY DATA SHEET

## MIRRORSHINE UHS Floor Finish

Version Number: 2

Preparation date: 2006-03-24

1. PRODUCT AND COMPANY IDENTIFICATION	
Product name:	MIRRORSHINE UHS Floor Finish
MSDS #:	MS0600050
Product code:	U22913, U22914
Recommended use:	Floor care.
<b>Manufacturer, importer, supplier:</b> Unisource Worldwide, Inc. 6600 Governors Lake Parkway Norcross, GA 30071 Phone: 770-447-9000 MSDS Internet Address: www.unisourcelink.com	
Emergency telephone number:	1-800-535-5053

2. HAZARDS IDENTIFICATION	
<b>EMERGENCY OVERVIEW</b>	
<ul style="list-style-type: none"> <li>• CAUTION</li> <li>• MAY BE MILDLY IRRITATING TO EYES</li> <li>• MAY BE MILDLY IRRITATING TO SKIN</li> </ul>	
Principle routes of exposure:	<ul style="list-style-type: none"> <li>• Eyes</li> <li>• Skin</li> <li>• Inhalation</li> </ul>
Eye contact:	• May be mildly irritating to eyes
Skin contact:	• May be mildly irritating to skin
Inhalation:	• None known
Ingestion:	• None known

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### HAZARDOUS COMPONENTS

Ingredient(s)	CAS #	Weight %
Dipropylene glycol methyl ether	34590-94-8	1 - 5 %

#### HAZARDOUS COMPONENTS

Ingredient(s)	LD50 Oral	LD50 Dermal	LC50 Inhalation
Dipropylene glycol methyl ether	5.4 ml/kg (rat)	10 mL/kg (rabbit)	Not available

### 4. FIRST AID MEASURES

Eye contact:	<ul style="list-style-type: none"> <li>• Flush immediately with plenty of water</li> <li>• Get medical attention if irritation occurs</li> </ul>
Skin contact:	<ul style="list-style-type: none"> <li>• Flush immediately with plenty of water</li> <li>• Get medical attention if irritation occurs</li> </ul>
Inhalation:	• No specific first aid measures are required
Ingestion:	• No specific first aid measures are required
Aggravated Medical Conditions:	• Persons with pre-existing skin disorders may be more susceptible to irritating effects

### 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	<ul style="list-style-type: none"> <li>• The product is not flammable</li> <li>• Dry chemical, water spray, foam, carbon dioxide</li> </ul>
Specific hazards:	• None known
Unusual hazards:	• None known
Specific methods:	• No special methods required

<b>Special protective equipment for firefighters:</b> As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear
<b>Extinguishing media which must not be used for safety reasons:</b> • None

6. ACCIDENTAL RELEASE MEASURES	
<b>Personal precautions:</b>	• Not applicable
<b>Environmental precautions and clean-up methods:</b>	• Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container

7. HANDLING AND STORAGE	
<b>Handling:</b>	• Avoid contact with skin and eyes
FOR COMMERCIAL AND INDUSTRIAL USE ONLY.	
<b>Storage:</b>	• Protect from freezing • Keep tightly closed in a dry, cool and well-ventilated place • Keep out of the reach of children

8. EXPOSURE CONTROLS / PERSONAL PROTECTION	
<b>Engineering measures to reduce exposure:</b>	
• No special ventilation requirements • General room ventilation is adequate	
<b>Personal Protective Equipment</b>	
<b>Eye protection:</b>	• No special requirements under normal use conditions
<b>Hand protection:</b>	• No special requirements under normal use conditions
<b>Skin and body protection:</b>	• No special requirements under normal use conditions
<b>Respiratory protection:</b>	• No special requirements under normal use conditions
<b>Hygiene measures:</b>	• Handle in accordance with good industrial hygiene and safety practice

Personal protective equipment **None Required**

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
Dipropylene glycol methyl ether	34590-94-8	150 ppm (STEL) 100 ppm (TWA)		900 mg/m <sup>3</sup> (STEL) 150 ppm (STEL) 100 ppm (TWA) 60 mg/m <sup>3</sup> (TWA)

9. PHYSICAL AND CHEMICAL PROPERTIES			
<b>Physical State:</b>	Liquid	<b>Appearance:</b>	Emulsion
<b>Color:</b>	Opaque Off-white	<b>Odor:</b>	Ammoniacal
<b>Specific gravity:</b>	1.03	<b>pH:</b>	8.6
<b>Dilution pH:</b>	No information available.	<b>Density:</b>	8.56 lbs/gal.
<b>Bulk density:</b>	No information available	<b>Vapor density:</b>	No information available
<b>Evaporation Rate</b>	No information available	<b>Solubility:</b>	Dispersible
<b>VOC:</b>	4.95 %	<b>Viscosity:</b>	No information available
<b>Solubility in other solvents:</b>	No information available		
<b>Partition coefficient (n-octanol/water):</b>	No information available		
<b>Boiling point/range:</b>	Not determined		
<b>Melting point/range:</b>	Not determined		
<b>Flash point:</b>	>200 (°F) >93.3 (°C)		
<b>Decomposition temperature:</b>	Not determined		
<b>Autoignition temperature:</b>	No information available		

**10. STABILITY AND REACTIVITY**

Stability:	• The product is stable.
Polymerization:	• Hazardous polymerization does not occur.
Hazardous decomposition products:	• None reasonably foreseeable.
Conditions to avoid:	• Do not freeze

**11. TOXICOLOGICAL INFORMATION**

Acute toxicity	Oral LD50 estimated to be greater than 5000 mg/kg Dermal LD50 estimated to be > 2000 mg/kg
Component Information:	• See Section 3
Chronic toxicity:	• None known
Specific effects	
Carcinogenic effects:	• None known
Mutagenic effects:	• None known
Reproductive toxicity:	• None known
Target organ effects:	• None known

**12. ECOLOGICAL INFORMATION**

Environmental Information:	• No data available
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**13. DISPOSAL CONSIDERATIONS**

Waste from residues / unused products:	• Dispose of according to all federal, state and local applicable regulations
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**14. TRANSPORT INFORMATION**

DOT/TDG:	• Please refer to the Bill of Lading/receiving documents for up to date shipping information
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**15. REGULATORY INFORMATION**

<b>International Inventories</b>	
All components of this product are listed on the following inventories: U.S.A. (TSCA).	
<b>U.S. Regulations</b>	
California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65	
<b>SARA 311/312 Hazard Categories</b>	
Immediate:	N
Delayed:	N
Fire:	N
Reactivity:	N
Sudden Release of Pressure:	N

<b>Canada</b>		
Ingredient(s)	CAS #	NPRI
Zinc ammonium carbonate	40861-29-8	X

WHMIS hazard class:	Not for sale in Canada.
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**STATE RIGHT TO KNOW**

Ingredient(s)	CAS #	NJRTK:	MARTK:	PARTK:	RIRTK:
Water	7732-18-5	-	-	-	-
Tributoxyethyl phosphate	78-51-3	-	-	-	-
Acrylic Polymers	Proprietary	-	-	-	-
Acrylic Polymers	Proprietary	-	-	-	-

Dipropylene glycol methyl ether	34590-94-8	X	X	X	X
Zinc ammonium carbonate	40861-29-8	X	X	-	X

**CERCLA/SARA**

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Dipropylene glycol methyl ether	34590-94-8	1 - 5 %			X
Zinc ammonium carbonate	40861-29-8	0.1 - 1.5%	1000		X

**CAA HAP/CAA ODS/CWA Priority Pollutants: None**

Ingredient(s)	CAA HAP	CAA ODS	CWA Priority Pollutants
Dipropylene glycol methyl ether	X		
Zinc ammonium carbonate			X

**16. OTHER INFORMATION**

HMIS	Health	1	Fire Hazard	0	Reactivity	0
NFPA	Health:	1	Flammability:	0	Instability:	0

<b>Reason for revision:</b>	Not applicable
<b>Prepared by:</b>	NAPRAC
<b>Additional advice:</b>	None

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