

## ECLIPSE RESTORATION® FLOOR COATING MAINTAINER

*An economical alternative to weekly recoating, it revitalizes floors to maintain a wet look appearance.*

### FEATURES

- Lowers maintenance cost by reducing the frequency of recoating cycles
- Restores all PIONEER ECLIPSE coatings
- Concentrated for economical use
- Easily applied with a mop
- Will not build up, yellow or darken
- Pleasant fresh fragrance
- Classified by UL as to slip resistance only



### RECOMMENDED FLOOR SURFACES

Restores coatings on all resilient tile flooring and most types of terrazzo, marble and quarry tile

### PRODUCT DATA

Description:	Acrylic co-polymer emulsion
Appearance:	Green liquid
Fragrance:	Pleasant fragrance
Non-Volatile Solids:	14.0 ± 0.5%, ASTM D2834-95 (2001)
Buffability:	Excellent
Removability:	Excellent
Viscosity (Brookfield):	<10 centipoise @ 68° (20°C)
Slip Resistance:	Meets ASTM D2047-99 requirements Classified by UL as to slip resistance only.
Drying time:	15-20 minutes
Shelf Life:	2 years, ASTM D1791-93 (1998)
Density:	8.6 lb per gal @ 68°F 1.03 kg per liter @ 20°C
Freeze/Thaw:	Passes 3 cycles, ASTM D3209-93 (1998)

### PRECAUTIONS

Keep out of reach of children. Keep container sealed when not in use. Avoid freezing. If frozen, allow to return to room temperature slowly and mix thoroughly before using.

### ORDERING INFORMATION

Product #203:	2 x 2.64 gallon per case (2 x 10 liters)
Product #203MP:	4 x 1.06 gallon per case (4 x 4 liters)

### DIRECTIONS FOR USE

1. Sweep floor with an untreated dust mop.
2. Clean floor with Eclipse Neutral Cleaner prior the application of Eclipse Restoration Floor Coating Maintainer. Mix Eclipse neutral cleaner in mop bucket or autoscrubber following label directions.
3. Mix Eclipse Restoration Floor Coating Maintainer in mop bucket per the following dilution ratios:  
1:4 32 US oz per gallon water (1,25 liters per 5 liters water)
4. Apply solution with a clean synthetic mop.
5. Allow floor to dry thoroughly.
6. Burnish with recommended machine and pad manufactured by Pioneer Eclipse.

**NOTE:** Do not use Eclipse Restoration Maintainer more than once a week or as a scrubbing cleaner.

*Pioneer Eclipse®*

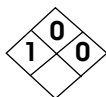
# ECLIPSE RESTORATION FLOOR COATING MAINTAINER

**LAST REVISION DATE:** 06/30/03

**MANUFACTURER:** Pioneer Eclipse® Corporation  
Sparta, NC 28675 Phone: 1-336-372-8080  
**FOR CHEMICAL EMERGENCY:** Spill, Leak, Fire,  
Exposure or Accident **CALL CHEMTREC - Day or  
Night 1-800-424-9300** Toll Free in the  
Continental US **483-7616** in DISTRICT OF  
COLUMBIA. For calls originating outside the US:  
Call Collect **1-202-483-7616** Washington, DC.

## SECTION I: GENERAL INFORMATION

**PRODUCT NAME:** Eclipse Restoration Floor  
Coating Maintainer  
**PRODUCT #:** 203  
**PRODUCT TYPE:** Acrylic co-polymer emulsion  
**CAS#:** N/E  
**PRECAUTIONS:** Possible skin and eye irritant.  
Keep container sealed when not in use.  
Keep out of reach of children.  
**FLAMMABILITY:** 0  
**REACTIVITY:** 0  
**HEALTH:** 1  
**NFPA HAZARD RATINGS**  
4-EXTREME 3-HIGH 2-MODERATE  
1-SLIGHT 0-INSIGNIFICANT



## SECTION II: HAZARDOUS INGREDIENTS

**INGREDIENT:** \*Diethylene glycol monoethyl ether  
**CAS#:** 111-90-0  
**%:** 1-5  
**OSHA PEL:** N/E  
**ACGIH TLV:** N/E  
**AIHA WEEL:** 25 ppm  
**LD 50 SPECIES & ROUTE:** 5.5 g/kg rat, oral  
9.0 g/kg rabbit, skin

**INGREDIENT:** \*Ethylene Glycol  
**CAS#:** 107-21-1  
**%:** 1-3  
**OSHA PEL:** 50 ppm (CEIL)  
**ACGIH TLV:** 50 ppm (CEIL)  
**LD 50 SPECIES & ROUTE:** NE

\* This chemical is subject to the reporting  
requirements of Section 313 of SARA Title III.

N/E = Not Established, N/L = Not Listed,  
N/A = Not Applicable

## SECTION III: PHYSICAL/CHEMICAL DATA

**APPEARANCE:** Green liquid  
**PHYSICAL STATE:** Liquid  
**pH:** 9.8 ± 0.5  
**BOILING POINT:** 100°C / 212°F  
**EVAPORATION RATE:** Less than water  
**FREEZING POINT:** 0°C / 32°F  
**VAPOR DENSITY:** Greater than air  
**VOLATILE BY WEIGHT:** 86.0 ± 0.5%  
**VAPOR PRESSURE:** Less than water  
**DENSITY:** 8.6 lb per gal @ 68°F  
1.03 kg per liter @ 20°C  
**SOLUBILITY IN WATER:** Miscible

## SECTION IV: FIRE AND EXPLOSION DATA

**FLASH POINT:** Non-combustible  
**EXPLOSIVE LIMITS:**  
**LOWER:** N/A **UPPER:** N/A  
**EXTINGUISHING MEDIA:** N/A  
**SPECIAL FIRE FIGHTING PROCEDURES:** None  
**HAZARDOUS COMBUSTIBLE PRODUCTS:** None  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:**  
Materials can splatter above 100°C / 212°F.

## SECTION V: REACTIVITY DATA

**STABILITY:** Stable  
**HAZARDOUS POLYMERIZATION:** Will not occur.  
**INCOMPATIBILITY (MATERIALS TO AVOID):**  
Strong acids and bases  
**HAZARDOUS DECOMPOSITION PRODUCTS:** N/A  
**REACTIVITY CONDITIONS:** None

## SECTION VI: HEALTH HAZARD DATA

**EYES:** Slightly irritating to eyes. For eye contact,  
flush with a large amount of water for at least 15  
minutes. See a physician if irritation persists.  
**SKIN:** Slightly irritating to skin upon repeated or  
prolonged contact. For skin contact, wash  
affected areas with soap and water.  
**INHALATION:** Vapor or mist may cause  
irritation of the eyes, nose, throat and lungs. For  
overexposure, move subject to fresh air.  
**INGESTION:** May cause irritation to mouth,  
esophagus and stomach. If ingested, drink  
several glasses of water and do not induce  
vomiting. Seek medical attention.  
**CHRONIC EFFECTS AND MEDICAL CONDITIONS**  
**AGGRAVATED BY OVEREXPOSURE:** Prolonged or  
repeated contact can cause drying, defatting and  
dermatitis to skin.  
**CARCINOGEN:** Non-carcinogenic  
**REPRODUCTIVE EFFECTS:** N/E  
**TERATOGENICITY:** N/E  
**MUTAGENICITY:** N/E  
**THRESHOLD LIMIT VALUE:** See Section II.

## SECTION VII: SPILL, LEAK & DISPOSAL PROCEDURES

**SMALL SPILLS:** Absorb spill with inert material  
(e.g. sand, earth) and dispose of as waste  
material in accordance with local, state and  
federal regulations.  
**LARGE SPILLS:** Keep spectators away. Floors  
may be slippery; use care to avoid falling. Dike  
and contain spill with inert material (e.g. sand,  
earth). Transfer liquid to containers for recovery  
or disposal and solid diking material to separate  
containers for disposal. Keep spills and cleaning  
runoff out of sewers and open bodies of water.  
**WASTE DISPOSAL:** Dispose of as waste  
material in accordance with local, state, and  
federal regulations.

## SECTION VIII: SPECIAL PROTECTION

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**  
**EYES:** None required under normal conditions of  
use. Safety glasses recommended.  
**SKIN:** If prolonged or repeated contact is  
possible, chemical-resistant clothing (e.g., rubber  
gloves) is recommended.  
**RESPIRATORY:** No respiratory protection is  
required if ventilation is adequate.

**ENGINEERING CONTROLS:** Good general room  
ventilation is expected to be adequate. Local  
exhaust ventilation (e.g., fans) may be necessary  
when general ventilation does not keep airborne  
concentrations below any exposure limits.

## SECTION IX: SPECIAL PRECAUTIONS

**HANDLING AND STORAGE:**  
Storage temperature (MAX. 60°C / 140°F)  
(MIN. 1°C / 34°F)  
**OTHER PRECAUTIONS:** Keep from freezing;  
product may coagulate.

## SECTION X: ADDITIONAL INFORMATION

Neither this data sheet nor any statement  
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furnishing of such information.

This MSDS has been provided to you in accordance  
with the OSHA HAZARD COMMUNICATION STANDARD  
(29CFR1910.1200).

\*\*\*IMPORTANT SAFETY INFORMATION  
DO NOT DISCARD\*\*\*  
\*\*PLEASE ROUTE TO COMPANY SAFETY OFFICER\*\*

Pioneer Eclipse®