

DIAMONDSTAR® FLOOR COATING

A floor coating designed specifically to consistently provide a durable, safe, and diamond like wet-look shine

FEATURES

- 20% solids
- Good durability
- Cleans and maintains easily
- Brilliant wet-look shine
- Classified by UL as to slip resistance only



RECOMMENDED FLOOR SURFACES

All resilient tile flooring

PRODUCT DATA

Description:	Acrylic co-polymer emulsion
Appearance:	Milky white
Fragrance:	Slight ammoniacal
Coverage:	2500-3000 sq ft per gal 61-74 sq m per liter
Non-Volatile Solids:	20.0 ± 0.5%, ASTM 2834-95 (2001)
Specular Gloss (60.):	>85, ASTM D1455-87 (1997)
Buffability:	Excellent
Detergent Resistance:	Excellent ASTM D3207-92 (1996) e1
Removability:	Excellent
Viscosity (Brookfield):	<10 centipoise @ 68.F (20.C)
Slip Resistance:	Meets ASTM D2047-99 requirements. Classified by UL as to slip resistance only.
Drying Time:	20-30 minutes
Shelf Life:	1 year, 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 then mix thoroughly before using.

ORDERING INFORMATION

Product #120FS:	2 x 2.5 gallon per case (2 x 9.5 liter)
Product #120MP:	4 x 1.06 gallon per case (4 x 4 liter)

DIRECTIONS FOR USE: INITIAL APPLICATION

1. Remove old coating and sealer with the recommended Pioneer Eclipse stripper following label directions. For optimum results, use a Pioneer Eclipse autoscrubber or stripping machine with recommended Pioneer Eclipse pads or brushes.
2. Use a clean mop or autoscrubber to rinse the floor twice using a Pioneer Eclipse neutral cleaner. Rinse floor again with clean, cold water and allow to dry.
3. Apply 4-6 coats of DiamondStar Floor Coating with a clean, synthetic mop and allow to dry between coats. On old or porous floors and in cases of extreme traffic conditions, use recommended Pioneer Eclipse sealer prior to applying DiamondStar Floor Coating.
Note: Do not exceed a total initial application of 6 coats combined coating and sealer.
4. Allow floor to dry thoroughly between coats and prior to burnishing.
Note: To prevent contamination do not pour unused product from bucket into original container.

DIRECTIONS FOR USE: ROUTINE MAINTENANCE

1. Sweep floor daily with either a mop treated with EnviroStar Green® Dust Mop Treatment, or with an untreated dust mop.
2. Mop or autoscrub as necessary with a Pioneer Eclipse neutral cleaner following label directions.
3. Restore as needed with a Pioneer Eclipse maintainer.
4. Burnish as desired with recommended Pioneer Eclipse machine and pad.
5. As needed, perform a deep scrub and recoat applying an additional 1-2 coats of DiamondStar Floor Coating.
6. Allow floor to dry thoroughly between coats and prior to burnishing.
7. When stripping is necessary, remove DiamondStar Floor Coating with a recommended Pioneer Eclipse stripper.

Pioneer Eclipse®

DIAMONDSTAR FLOOR COATING

LAST REVISION DATE: 02/21/06

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 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 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 I: GENERAL INFORMATION

PRODUCT NAME: DiamondStar Floor Coating
PRODUCT #: 120
PRODUCT TYPE: Acrylic co-polymer emulsion
PRECAUTIONS: Possible skin and eye irritant.
Keep container sealed when not in use. Keep out
of reach of children.

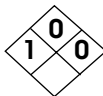
HEALTH: 1

FLAMMABILITY: 0

REACTIVITY: 0

NFPA HAZARD RATINGS

4-EXTREME 3-HIGH 2-MODERATE
1-SLIGHT 0-INSIGNIFICANT



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 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 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 X: ADDITIONAL INFORMATION

Neither this data sheet nor any statement
contained herein grants or extends any license,
expressed or implied, in connection with patents
issued or pending which may be the property of
the manufacturer or others. The information in
this data sheet has been assembled by the
manufacturer based on its own studies and the
work of others. The manufacturer makes no
warranties, expressed or implied, as to the
accuracy, completeness or adequacy of the
information contained herein. The manufacturer
shall not be liable (regardless of fault) or the
vendee, the vendee's employees or anyone for
any direct, special or consequential damages
arising out of or in connection with the
accuracy, completeness, adequacy or
furnishing of such information.

* 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

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

SECTION III: PHYSICAL/CHEMICAL DATA

APPEARANCE: Milky white
PHYSICAL STATE: Liquid
pH: 9.0 ± 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: 80.0 ± 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 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.

***IMPORTANT SAFETY INFORMATION
DO NOT DISCARD***

PLEASE ROUTE TO COMPANY SAFETY OFFICER

Pioneer Eclipse®