

PRIME-STAR® BASE COAT

Specially formulated to work with DAY-STAR® Floor Coating. Achieve maximum depth in a wet-look shine with fewer layers of coating.

FEATURES

- **High solids** – builds depth quickly
- **Burnishable** – high initial gloss
- **Durable** – prolongs coating performance
- **Easy to apply**
- **Easy to remove**
- **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: | 1500 sq ft per gal first coat (37 sq m per liter) 2500-3000 sq ft per gal on successive coats (61-74 sq m per liter) |
| Non-Volatile Solids: | 22.0 ± 0.5%, ASTM D2834-95 (2001) |
| Buffability: | Very good |
| 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: | 20-25 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 the 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 #409FS: | 2 x 2.50 gallon per case (2 x 9.5 liter) |
| Product #409MP: | 4 x 1.06 gallon per case (4 x 4 liter) |

DIRECTIONS FOR USE: INITIAL APPLICATION

1. Remove old coating and sealer with recommended floor stripper, stripping machine and stripping pad manufactured by Pioneer Eclipse per label instructions. Rinse thoroughly of all residue and allow floor to dry.
2. Apply 2 to 3 thin coats of Prime-Star Base Coat with a clean synthetic mop. Additional coats may be applied, depending on traffic or floor conditions. Burnish as desired.
3. Apply 3 to 4 thin coats of Day-Star® Floor Coating. Follow label instructions.

DIRECTIONS FOR USE: ROUTINE MAINTENANCE

1. Sweep floor with an untreated dust mop daily.
2. Mop or autoscrub, as necessary, with recommended cleaner manufactured by Pioneer Eclipse per label directions.
3. Burnish with recommended burnisher and pad manufactured by Pioneer Eclipse.
4. As needed, deep scrub and recoat with 1 to 2 coats of Day-Star Floor Coating.
5. When stripping is necessary, use recommended stripper manufactured by Pioneer Eclipse per label instructions.

Note: To prevent contamination do not pour unused product from bucket into original container.

Pioneer Eclipse®

PRIME-STAR BASE COAT

LAST REVISION DATE: 02/27/06

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 I: GENERAL INFORMATION

PRODUCT NAME: Prime-Star® Base Coat
PRODUCT #: 409
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.

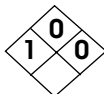
HEALTH: 1

FLAMMABILITY: 0

REACTIVITY: 0

NFPA HAZARD RATINGS

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

**SECTION II: HAZARDOUS INGREDIENTS**

INGREDIENT: *Diethylene glycol monoethyl ether
CAS#: 111-90-0

%: 1-5

OSHA PEL: N/E

ACGIH TLV: N/E

LD₅₀ SPECIES & ROUTE: 5.5 g/kg rat, oral
9.0 g/kg rabbit, skin

* 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: Milky white
PHYSICAL STATE: Liquid
pH: 8.7 ± 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: 78 ± 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
contained herein grants or extends any license,
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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®