

WoodStar® SATIN

WOOD FLOOR FINISH

An internally cross-linked, one component, water borne, commercial wood floor finish

FEATURES

- Rich satin low-gloss finish
- Water borne
- Single pack finish
- Low odor
- Stable, clear film
- Self-crosslinking with thermoset performance



RECOMMENDED FLOOR SURFACES

All commercial wood floors

PRODUCT DATA

Description:	Acrylic silicone hybrid polymer
Appearance:	Milky white liquid
Fragrance:	Characteristic
Coverage:	800-1500 sq ft per gal 20-37 sq m per liter
Non-Volatile Solids:	31.0% ± 0.5%, ASTM D2834-95 (2001)
Specular Gloss (60.):	50-60, ASTM D1455-87 (1997)
Buffability:	Not recommended
Detergent Resistance:	Excellent ASTM D3207-92 (1996) e1
Slip Resistance:	Meets ASTM D2047-99 requirements.
Drying Time:	1-2 hours per coat
Viscosity (Brookfield):	<20 centipoise @ 68.F. (20.C)
Density:	8.7 lb per gal @ 68.F. 1.05 kg per liter @ 20.C
Freeze/Thaw:	Passes 3 cycles ASTM D3209-93 (1998)
Shelf Life:	1 year, ASTM D1791-93 (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 #703FS:	2 x 2.504 gallon per case (2 x 9.5 liter)
Product #703MP:	4 x 1.06 gallon per case (4 x 4 liter)

DIRECTIONS FOR USE:

INITIAL APPLICATION ON BARE WOOD FLOOR

1. Dust mop the floor using a mop treated with EnviroStar Green Dust Mop Treatment or with an untreated dust mop.
2. Vacuum the floor to remove excess dirt and dust.
3. Tack the floor with water or odorless mineral spirits using dust mop frame and turkish towels. Wring out towels and place on the floor. Place dust mop frame on top of towels and overlap towels over frame. Multiple towels are required for this job. When tacking, overlap each lane.
4. Apply two coats of WoodPrime Sanding Sealer with a T-bar applicator. Allow 1-2 hours between coats.
5. Lightly sand after each coat of sealer has dried using a 175 rpm floor machine and wood floor screens (180 grit recommended).
6. Dust mop the floor using an untreated dust mop, and vacuum the floor to remove excess dust.
7. Tack the floor again using turkish towels immersed in water from a clean mop bucket as in Step 3.
8. Apply 2 coats of WoodStar Satin Wood Floor Finish. Let dry for 1-2 hours between coats. Floor will be fully cured in 3 days at normal temperature and humidity.

DIRECTIONS FOR USE:

RECOAT APPLICATION OVER EXISTING WOODSTAR SATIN COATING

1. Dust mop the floor using an untreated dust mop.
2. Screen the floor using a 175 rpm floor machine and wood floor screens. The grit of the screens depends on the condition of the floor.
3. Dust mop the floor again and vacuum to remove excess dust.
4. Tack the floor using turkish towels immersed in water from a clean mop bucket. Wring out towels and place on the floor. Place dust mop frame on top of towels and overlap towels over frame. Multiple towels are required for this job. When tacking, overlap each lane.
5. Apply 1-2 coats of WoodStar Satin Wood Floor Finish. Allow 1-2 hours between coats. Floor will be fully cured in 3 days at normal temperature and humidity.

Pioneer Eclipse®

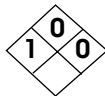
WOODSTAR SATIN WOOD FLOOR FINISH

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 at 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: WoodStar® Satin Wood
Floor Finish
PRODUCT #: 703
PRODUCT TYPE: Acrylic silicone hybrid polymer
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
%: 5-10
OSHA PEL: N/E
ACGIH TLV: N/E
LD 50 SPECIES & ROUTE: 5.5 g/kg male 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: 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: 69.0 ± 0.5%
VAPOR PRESSURE: Less than water
DENSITY: 8.7 lb per gal @ 68°F
1.05 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®