

WoodStar®

WOOD FLOOR FINISH

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

FEATURES

- Water borne
- Single pack finish
- Low odor
- Stable, clear film
- Self-crosslinking with thermoset performance
- Classified by UL as to slip resistance only



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.):	>85, ASTM D1455-87 (1997)
Buffability:	Excellent
Detergent Resistance:	Excellent ASTM D3207-92 (1996) e1
Slip Resistance:	Meets ASTM D2047-99 requirements. Classified by UL as to slip resistance only.
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 #702FS:	2 x 2.50 gallon per case (2 x 9.5 liter)
Product #702MP:	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 Wood Floor Finish. Let dry for 1-2 hours between coats. Floor will be fully cured in 3 days at normal temperature and humidity.
9. After the floor has cured completely, dust mop and burnish to a wet-look shine using a Pioneer Eclipse UHS burnisher with a Blue Blend pad.

DIRECTIONS FOR USE:

RECOAT APPLICATION OVER EXISTING WOODSTAR 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 Wood Floor Finish. Allow 1-2 hours between coats. Floor will be fully cured in 3 days at normal temperature and humidity.
6. After the floor has cured completely, burnish to a wet-look shine using a Pioneer Eclipse UHS burnisher with a Blue Blend pad.

Pioneer Eclipse®

WOODSTAR 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® Wood Floor Finish
PRODUCT #: 702

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.

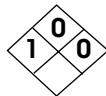
HEALTH: 1

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

LD₅₀ 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, 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 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®