



SFA66

SUBFLOOR & CONSTRUCTION ADHESIVE

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION:

Miracle® SFA66 conforms to HUD UM 60A and meets the requirements of ASTM D3498 for Field-Gluing Plywood to Wood Framing. Recommended for use on wet, frozen, chemically pressure treated lumber or untreated lumber.

ADVANTAGE:

- Quick Tack
- Permanently Flexible
- All Weather Versatility
- Reduces Nail Pops
- Absorbs Vibrations
- Superior Aging Characteristics
- Bridges Framing Irregularities
- Resists Impact and Deflection
- Greater Structural Floor Systems Strength
- Reduces Squeaks and Bounce
- Meets ASTM D3498

TYPICAL USES:

SFA-66 Subfloor and Construction Adhesive demonstrates exceptional results when used to bond wet, frozen, chemically pressure treated or untreated lumber, metal, fiberglass, fiberboard, hardboard, slate, drywall, plastic foams (except polystyrene) and masonry in heavy duty, interior and exterior applications as follows:

- Stairs, stair Treads, Risers and Stringers
- Underlayment to Joists
- Tongue & Groove Boards
- Paneling
- Sheet & Lap Siding to Studs
- Porches & Patios
- Decks & Docks
- Fences & Ramps

TYPICAL PROPERTIES:

Property	Typical Value
Base:	Synthetic Polymer
Solvent:	Organic Solvent
Shelf Life:	1 year from Date of Manufacture*
Colors:	Tan
Flash Point:	-9.4°F (-23°C)
Weight/ Gallon	8.86 lbs/ gallon
VOC Content	420.5 g/L (EPA Method 24)
Viscosity	275,000 – 312,500 cps
Open Time	15 minutes
Dry Time	48 - 72 hours
Solids	62.2% ± 3.0%
Coverage	38 linear feet using 3/8" bead
Formaldehyde	No urea formaldehyde added during adhesive manufacturing
* The shelf life for an unopened container of this adhesive stored at temperatures between 60°F (15.6°C) and 95°F (35°C) is 1 year from date of manufacture. Store out of direct sunlight in a cool, well-ventilated area. Avoid storing container directly on the floor or against an outside wall	

DIRECTIONS FOR USE:

SURFACE PREPARATION

- Remove ice, snow, free water, mud, sawdust and other foreign materials from joists before applying adhesive.

APPLICATION

- Apply adhesive in 3/8" bead to all contact areas between plywood and framing, including blocking and sills. Also within any tongue and groove joint between plywood panels. Where panel ends butt on joist, apply separate beads of adhesive under each panel.
- Panels shall be spaced 1/8" at ends and edges to allow for expansion.
- Follow local building code, engineering drawings, appropriate Use of Materials Bulletin for fastening schedule.

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LIMITATIONS:

- Do not apply adhesive at temperature below 0F.
- Do not use on rigid polystyrene or polystyrene foam.
- Do not use on tub kits.
- Do not thin.

STORAGE:

Store adhesive in a well-ventilated area at room temperature.

CLEAN UP:

Clean tools and remove adhesive with mineral spirits, exercising safe practices.

ATTENTION:

- Empty container remains hazardous until all flammable vapors, which may explode upon ignition, are gone from residue and container. Observe all labeled hazard precautions. Do not cut, puncture, or weld while hazard exists.
- Do not reuse empty container. Dispose of, according to all federal, state, and local regulations.

**KEEP OUT OF REACH OF CHILDREN
FOR PROFESSIONAL OR INDUSTRIAL USE ONLY
USE ONLY WITH APPROVED EQUIPMENT**

NOTICE TO PURCHASER:

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Complete technical information is available from
ITW Polymers Sealants North America, Inc.