



4092 Select Multi Purpose Adhesive



ENVIRONMENTAL/PERFORMANCE:

- Solvent Free
- Non Hazardous
- Trowels Easily
- Light Commercial Use
- Low Odor / Odorless When Dry
- CRI Green Label Plus Certified

DESCRIPTION:

Signature Series 4092 Select Multi Purpose Adhesive is a quick grabbing (economy grade) adhesive designed for installing direct glue down carpet and fibrous felt back sheet flooring. It is recommended for the installation of the following carpet backings: Action-Bac, Non-Woven Polypropylene, Jute, Sponge, Rubber, High Density Foam, Kangaback and Latex Foam, Hot Melt carpet and most of the majority of carpet backings found in the market place today.

Not recommended for vinyl-backed carpet, cushion backed vinyl, unitary backed carpet, outdoor applications or where excessive moisture or hydrostatic pressure is present.

While the adhesive is designed to meet the challenges of poorly ventilated areas, sufficient air exchanges are still required to ensure proper curing of any latex-based adhesive. This adhesive meets all flammability requirements for a Class A Flame Spread Rating as per ASTM E-84.

CONDITIONS AND LIMITATIONS:

1. Temperature – Adhesive and floor must be 65°F, unless floor covering manufacturer recommends less.
2. Condition of floor – clean, dry and free of hydrostatic pressure, alkali, oil, grease and wax.
3. Drying time – no heavy traffic for 24 hours. Do not expose to water for 4 days or standing water for 4 weeks at 75°. Lower temperatures require a longer cure time.
4. Flammability – This adhesive meets Class “A” standards.
5. Freeze-thaw stable at temperatures of +10°F (-12.2°C) or higher. May be permanently damaged if frozen below +10°F.
6. This product is considered nonphotochemically reactive per SCAQMD Rule 102.

SUB-FLOOR PREPARATION:

Follow all manufactures recommendations and industry standards regarding sub-floor preparation.

We require that moisture tests be performed on all concrete sub-floors regardless of grade level or whether or not the concrete is freshly poured or is classified as an older slab. Moisture testing should be performed by ASTM F1869 Calcium Chloride Tests with moisture levels not to exceed three (3) pounds per Twenty-Four (24) hours per one thousand (1000) square feet or ASTM F2170 In Situ Relative Humidity Test with readings with moisture levels when measured by this method, not to exceed seventy-five (75) percent. Additional information with regard to these tests and results can be obtained through Para-Chem's Technical Service Department.

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6/12/2007

Additional information with regard to sub-floor installation and requirements can be found in ASTM F-710 or CRI 104-105.

CLEAN-UP:

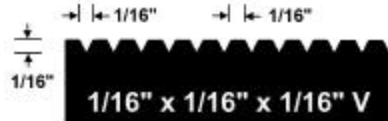
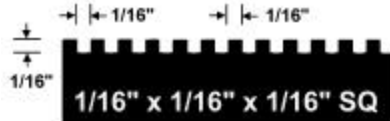
Wet adhesive can be cleaned from tools and floors with warm soapy water. To remove dried adhesive, use an approved non-flammable solvent and clean white cotton cloth.

COVERAGE:

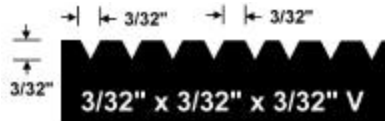
80-150 sq. ft. per gallon depending on trowel size and application. Coverage will increase or decrease according to floor surface.

TROWEL RECOMMENDATIONS:

Sheet Goods use 1/16" x 1/16" x 1/16" sq. notch trowel for porous applications and a V-notch for non-porous applications.



Smooth Back Carpet (sponge, high density foam, poly-propylene, etc) use 3/32" x 3/32" x 3/32" V-notch trowel.



Textured-Backed Carpet (jute, ActionBac®) use 1/8" x 1/8" x 1/8" V-notch trowel



DIRECTIONS:

1. Condition all floor covering adhesives, etc. for 24 hours prior to installation. For best results, install floor covering at 70°F, 50% relative humidity.
2. Lay out floor and floor covering according to the manufacturer's instructions.
3. Apply adhesive evenly to the floor. (See chart for trowel notch size).
4. Lower the floor covering into the adhesive within 20 minutes after troweling. The floor covering can be adjusted within this time. Lift a corner periodically to see that the adhesive is transferring: if not, apply additional adhesive. (When high humidity exists, allow 5 to 10 minutes additional set time before lowering material into the adhesive).
5. When it is necessary to seam carpet, install the carpet per the manufacturer's instructions and seal seams using an approved Seam Sealer or Seam Adhesive, like M-4263. Press and smooth carpet firmly into the adhesive with a 75# roller to ensure positive contact and remove entrapped air.
6. Roll sheet goods in both directions with a 75# roller or according to manufacturer's specifications.
7. When it is necessary to seam vinyl sheet goods, follow the manufacturer's instructions for cutting and sealing.

FOR MORE INFORMATION READ MATERIAL SAFETY DATA SHEET

KEEP OUT OF REACH OF CHILDREN

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WARNING!!

Various Federal, State and Local Government agencies have regulations governing the removal of in-place asbestos-containing material. If you contemplate the removal of a resilient floor covering structure that contains (or is presumed to contain) asbestos, you must review and comply with all applicable regulations.

Follow the RFCI's Recommended Work Practices for Removal of Resilient Floor Coverings.

RFCI, 401 East Jefferson St., Suite 102, Rockville, MD 20850 – phone 301-340-8580

WARRANTY:

When PARABOND® adhesives are used as recommended (product data sheets, product specifier, product resource guide, etc) and all installation instructions are followed according to accepted industry standards, and procedures recommended by the floor covering manufacturer, Para-Chem's warranty is as follows:

If an installation failure occurs within one year from date of installation as a direct result of out-of-specification adhesive, Para-Chem will pay for material and reasonable labor as determined by Para-Chem. Para-Chem specifically excludes and is not liable for any other damage or loss, including consequential or incidental damage or loss.

6-7-07

MATERIAL SAFETY DATA SHEET

Page 1 of 3

*Para-Chem[®], PO Box 127, Simpsonville, SC 29681
24-Hour Emergency Telephone: (864) 967-7691*

SECTION 1. PRODUCT IDENTIFICATION

PRODUCT NAME: Signature Series 4092 Select Multi-Purpose Adhesive
CHEMICAL FAMILY: Water Base Adhesive

SECTION 2. HAZARDOUS INGREDIENTS AND EXPOSURE LIMITS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>% by Weight</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>
None				

SECTION 3. HAZARDS IDENTIFICATION

PRIMARY ROUTES OF ENTRY: Eyes, Skin

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: Can cause slight irritation.

SKIN CONTACT: No effects expected.

INGESTION: May cause discomfort to digestive system.

INHALATION: No effects expected.

CHRONIC: None known.

CARCINOGENICITY: This product contains no ingredient above the OSHA minimum reporting threshold listed as a carcinogen by IARC, NTP, or OSHA.

SECTION 4. FIRST AID MEASURES

EYE CONTACT: Flush with water for 15 minutes. Call physician if irritation occurs.

SKIN CONTACT: Wash with soap and water.

INGESTION: Do not induce vomiting and call physician immediately.

INHALATION: Move person to fresh air.

SECTION 5. FIRE-FIGHTING MEASURES

FLASH POINT (°)F: None.

FIRE-FIGHTING INSTRUCTIONS: Water for dried material. Use protective clothing and self-contained breathing apparatus.

DECOMPOSITION PRODUCTS: Dried material may produce CO, CO₂, H₂O, and hydrocarbons.

MATERIAL SAFETY DATA SHEET

Page 2 of 3

SECTION 6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Place back into container for use if uncontaminated. For contaminated product, scoop material into secure waste container. Dispense sand, sawdust, or vermiculite to absorb residue, collect and place in waste container. Wash area thoroughly with water.

SECTION 7. HANDLING AND STORAGE

HANDLING: Use good hygienic practices. (Wash hands before eating, using washroom, or smoking.) Product will adhere to skin and clothing. *** Keep out of the reach of children! ***

STORAGE: Store above 40° F. Product is freeze-thaw stable up to five cycles at 20 °F.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT:

EYE/FACE PROTECTION: Wear safety glasses if contact with material is likely.

SKIN PROTECTION: Wear gloves if contact with material is likely.

RESPIRATORY PROTECTION: Not normally required with good ventilation.

ENGINEERING CONTROLS: Normal room ventilation. Open windows and doors, use floor and ceiling fans to ventilate work area during installation.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (°F): 212

SPECIFIC GRAVITY (WATER = 1): 1.12

VAPOR PRESSURE: Same as water.

VAPOR DENSITY(air=1): Same as water.

% VOLATILE BY WEIGHT: 50

pH: 9

APPEARANCE AND ODOR: Straw colored paste with mild odor.

SECTION 10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable.

POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None known

HAZARDOUS DECOMPOSITION PRODUCTS: None.

SECTION 11. TOXICOLOGICAL INFORMATION

No information available.

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