

MATERIAL SAFETY DATA SHEET Page 1

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

SECTION 1. PRODUCT IDENTIFICATION

PRODUCT NAME: PARABOND[®] M-1060
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.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.
POTENTIAL HEALTH EFFECTS:
EYE CONTACT: May cause slight irritation.
SKIN CONTACT: No effect known.
INGESTION: Induce vomiting, consult Physician.
INHALATION: No effect known.
CHRONIC: None known.
CARCINOGENICITY: This product contains no known carcinogenic components.

SECTION 4. FIRST AID MEASURES

EYE CONTACT: Flush with water for 15 minutes. Contact a physician if irritation occurs.
SKIN CONTACT: Wash with soap and water.
INGESTION: Induce vomiting, consult physician.

SECTION 5. FIRE-FIGHTING MEASURES

FLASH POINT (°)F: None.
LOWER FLAMMABLE LIMIT: None.
UPPER FLAMMABLE LIMIT: None.
FIRE-FIGHTING INSTRUCTIONS: Use self contained breathing apparatus.
EXTINGUISHING MEDIA: Water fog, CO₂, dry chemical, and chemical foam.
DECOMPOSITION PRODUCTS: Dried material may produce CO, CO₂, N_xO, and other products from the burning of hydrocarbons. See Section II.

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SECTION 6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Dispense sand, sawdust, or vermiculite. Collect and place in waste container. Wash area thoroughly with water.

SECTION 7. HANDLING AND STORAGE

HANDLING: Use good hygienic practices. Keep out of the reach of children.

STORAGE: Store above 40°F.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT:

EYE/FACE PROTECTION: Wear splash goggles 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.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (°F): 212

SPECIFIC GRAVITY (WATER = 1): 1.2

VAPOR PRESSURE: Same as water.

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

% VOLATILE BY WEIGHT: 34.0

pH: 9.85

APPEARANCE AND ODOR: Light straw colored paste.

GRAMS VOLATILE ORGANIC COMPOUNDS/LITER OF MATERIAL: 0 (Calculated)

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

This product has been tested for toxicity (acute inhalation; acute dermal; skin irritation; oral) and has been found to be non-toxic as defined by The Federal Hazardous Substance Act, 16 CFR 1500.3.



DESCRIPTION:

Parabond M-1060 Ultra Premium Grade Multi Purpose Adhesive is recommended for the installation of the majority of carpet backings used in today's heavy commercial applications. M-1060 is extremely aggressive, quickly developing "tack" for those "hard to hold" installations resulting in saving time and money.

This adhesive is the perfect choice, whether installing carpet with Action-Bac or the more difficult to hold backings such as Latex Unitary, Hot Melt or Enhancer types.

Parabond M-1060 Adhesive is **Not**

Recommended for vinyl backed carpet, vinyl cushion backed sheet goods or urethane unitary carpeting. It is highly recommended for use in health care facilities, educational institutions, hospitals, dining areas and occupied office buildings. 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 contains no hazardous carcinogenic ingredients as defined by OSHA, Federal, State or Local regulations such as California Prop 65.

Parabond M-1060 meets all flammability requirements for a Class A Flame Spread Rating as per ASTM E-84.

SUB-FLOOR PREPARATION:

This adhesive can be used to install over plywood, hardwood and all grades of concrete where there is no evidence of moisture or moisture related problems such as alkalinity. The "tacky" installation method is preferred when installing over non-porous surfaces such as terrazzo, wax-free floor tile, and noncushioned sheet goods. Allow the adhesive to tack up when installing urethane foam backed carpet. Contact the floor covering manufacturer for their recommendations

PARABOND M-1060 ULTRA PREMIUM GRADE MULTI PURPOSE ADHESIVE

regarding approved substrates and suggested procedures.

1. Sub-floor must be clean, dry, smooth and free of any contamination, which may interfere with the adhesive bond. Seal all chalky, very porous floors with an approved primer, such as Parabond M-620.
2. Patching of cracks and depressions must be made with a cement based patching compound such as Parabond Micro Finish or PP-Plus. Parabond M-600 may be used if there is no evidence of moisture.
3. Wood sub-floors must have a minimum 18" air space underneath with cross ventilation. Plywood, hardwood and oriented strand board used as sub-flooring must be flooring grade and installed in accordance to the manufacturer's specifications.
4. Old wood floors must be checked for soundness and any loose boards must be re-nailed. Rough and uneven surfaces must be sanded smooth and sealed.
5. Sanded and new floors must be coated with a compatible sealer to provide a good glue-down surface.
6. Adhesive set-up time is greatly influenced by sub-floor dryness.
7. 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 F 1869 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 F 2170 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.

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

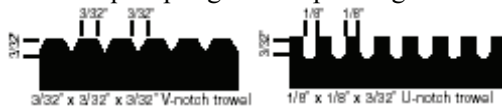
NOTE: Condition all floor covering, adhesives, etc for 24 hours prior to installation. For best results, install floor covering at 65-75°F and 50% +/- 5% relative humidity.

APPLICATION:

1. Follow floor covering manufacturer's recommendations regarding layout, cutting, seaming and maintenance.
2. Spread adhesive with the appropriate notched trowel leaving ridges of sufficient height to establish complete contact with back of floor covering. Trowel sizes vary with sub-floor porosity, floor covering backing and open time requirements.
3. Do not let adhesive skin over.
4. Lay most floor coverings into adhesive within 20 minutes.
5. Use the tacky dry installation method when installing non-porous backed carpeting.
6. A 100% adhesives transfer is required to promote maximum adhesion.
7. Roll flooring using the floor covering manufacturer's recommended roller shortly after installation.
8. Seams require seam sealing using Parabond M-4263.

COVERAGE:

80-110 sq. ft. per gallon depending on trowel size.



CLEAN UP:

Fresh adhesive can be removed immediately with a damp cloth. If the Adhesive has dried, use waterless hand cleaner or Mineral Spirits. Do Not allow solvent to penetrate the seams. Solvent will dissolve the adhesive bond.

GRAMS VOLATILE ORGANIC COMPOUNDS/LITER OF COATING: 0 (Based on no solvent.)

GRAMS VOLATILE ORGANIC COMPOUNDS/LITER OF MATERIAL: 0 (Based on no solvent.)

FOR MORE INFORMATION READ MATERIAL SAFETY DATA SHEET KEEP OUT OF REACH OF CHILDREN

WARNING!!

Do not sand, dry sweep, dry scrape, drill, saw, bead-blast, or mechanically chip or pulverize existing resilient flooring, backing, lining felt, asphalt "cutback" adhesive, or other adhesive. These products may contain asbestos fibers and/or crystalline silica. Avoid creating dust. Inhalation of such dust is a cancer and respiratory tract hazard. Smoking by individuals exposed to asbestos fibers greatly increases the risk of serious bodily harm. Unless positively certain that the product is a non-asbestos containing material, you must presume it contains asbestos. Regulations may require that the material be tested to determine asbestos content. RFCI's Recommended Work Practices for Removal of Resilient Floor Coverings are defined set of instructions addressed to the task of removing all resilient floor covering structures.

NOTICE

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.

For more information contact PARA-CHEM's Technical Department at 800-763-7272 or RFCI at:

Resilient Floor Covering Institute
401 East Jefferson ST. Suite 102
Rockville, MD 20850
301-340-8580

WARRANTY:

Para-Chem's only obligation shall be to replace or pay for any adhesive proved to be defective when authorized in writing by the company. Beyond the purchase price of materials supplied by us, we assume no liability for any damages of any kind and the user accepts the product "as is" and without warranties, expressed or implied. The suitability of the product for an intended use shall be solely up to the user. 4/27/04

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