



## PARABOND DETACH II Adhesive Remover

### DESCRIPTION:

DETACH II is a quick and effective concentrated solution when applied to most floor covering breaks down the adhesive bond allowing for the easy removal and disposal. DETACH II also solubilizes the adhesive (aqueous latex based) remaining on the substrate for easy removal. DETACH II is virtually odorless. After the use of DETACH, the surface can be rinsed with clean water to remove any deposits left behind or if the substrate is sufficiently clean, the substrate can be left to dry completely. DETACH II will not affect the adhesive of the re-installation if allowed to dry completely.

**Do Not Use On Moisture Cure Urethanes, Epoxies Or Adhesives That Are Not Water Based Latex.**

### DIRECTIONS:

1. Completely remove all furnishings from the area of floor covering to be removed.
2. Ensure that the ventilation system is properly operating.
3. Cordon off the area so no traffic into other sections of the building will occur.
4. Verify that the substrate is concrete or other types of stone, ceramic, pavers, etc. or plywood.
5. Do not use this product if the substrate is a composite type board, such as particle, wafer, flake or OSB.

### TO REMOVE CARPET (non-vinyl backed)

1. Cut carpet into lengths and widths that can be easily handled when wet.
2. Mix four (4) parts water to one (1) part DETACH II (4 gallons water to 1 gallon DETACH).
3. Apply DETACH directly to the surface of the carpet in sufficient quantity to completely wet out the entire carpet.
4. The use of a squeegee or backside of a push broom may be used to spread the product.

5. Coverage should be approximately 20-25 square yards to one gallon of DETACH II Concentrate (5 gallons when diluted 1 to 4).
6. Allow approximately 1-2 hours for DETACH II to penetrate and solubilize the adhesive (make sure area remains wet).
7. Remove carpet, place in container for easy removal and to eliminate any mess.
8. Easily scrape adhesive away.
9. If adhesive is not completely removed to the desired level, simply repeat the application process steps 2-8.
10. Rinse the floor thoroughly or allow to completely dry before re-installation.

### TO REMOVE MINERAL FIBROUS BACKED VINYL SHEET GOODS:

1. Strip off vinyl wear layer exposing the paper backing.
2. Mix four (4) parts water to one (1) part DETACH II (4 gallons water to 1 gallon DETACH).
3. Apply DETACH II directly to the surface of the flooring in sufficient quantity to completely wet out the entire floor.
4. The use of a squeegee or backside of a push broom may be used to spread the product.
5. Coverage should be approximately 20-25 square yards to one gallon of DETACH II concentrate (5 gallons when diluted 1 to 4).
6. Allow approximately 1 hour for DETACH II to penetrate and solubilize the adhesive (make sure area remains wet).
7. Remove flooring by scraping away backing and adhesive.
8. If adhesive is not completely removed to the desired level, simply repeat the application process steps 2-7.
9. Rinse the floor thoroughly or allow to completely dry before re-installation.

ISO 9001 Certified

Corporate Address: PO Box 127 • Simpsonville, SC 29681-0127 • 800-763-7272 • Fax: 864-228-1491

Manufacturing Facilities: Simpsonville, SC • Philadelphia, PA • Dalton, GA • Mansfield, TX • Adelanto, CA

[www.parabond.com](http://www.parabond.com)

**TO REMOVE OTHER TYPES OF FLOORING  
(wood, VCT, vinyl-backed carpets, sheet goods, etc.):**

1. Strip all waxes, polishes, etc. from surface that may interfere with the penetration of DETACH II.
2. Cut slits in flooring to allow for additional areas of penetration.
3. Follow the instructions of vinyl sheet goods for mixing and removal.
4. Additional dwell time may be required to sufficiently solubilize the adhesives.

**CLEAN UP:**

Remove DETACH II immediately with a damp cloth or rinse with water. If DETACH II has dried, use a cloth moistened with soapy water.

**PHYSICAL PROPERTIES:**

Color	Clear
Freeze thaw	5 cycles @ 0°F
Consistency	Water
Shelf life	1 year 2 70°F in un-opened container
pH	Concentrate: 12.56 Mixed: 11.61

**FOR MORE INFORMATION READ  
MATERIAL SAFETY DATA SHEET**

**KEEP OUT OF REACH OF CHILDREN.**

**WARNING!!**

Do not sand, dry sweep, dry scrape, drill, saw, beadblast, 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 product proved 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.

10-30-02

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# MATERIAL SAFETY DATA SHEET

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*Para-Chem<sup>®</sup>, PO Box 127, Simpsonville, SC 29681*

*24-Hour Emergency Telephone: (864) 967-7691*

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## SECTION 1. PRODUCT IDENTIFICATION

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PRODUCT NAME: PARABOND<sup>®</sup> DETACH II

CHEMICAL FAMILY: Flooring Remover

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## SECTION 2. HAZARDOUS INGREDIENTS AND EXPOSURE LIMITS

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<u>Chemical Name</u>	<u>CAS Number</u>	<u>% by Weight</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>
Monoethanolamine	141-43-5	10-30	3 ppm	3 ppm
2-Butoxyethanol	111-76-2	10-50	25 ppm	25 ppm

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## SECTION 3. HAZARDS IDENTIFICATION

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PRIMARY ROUTES OF ENTRY: Eyes, Skin, Inhalation, and Ingestion.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Respiratory problems.

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: Can cause severe irritation and /or burns. Delay in treatment can result in permanent damage.

SKIN CONTACT: Severe irritation and/or burns characterized by redness, swelling. Corrosion of flesh will result without prompt treatment.

INGESTION: Irritation and/or burns can occur to the entire gastrointestinal track resulting in nausea, pain, bleeding and ulceration.

INHALATION: Severe irritant to throat, nose, and lungs.

CHRONIC: None known.

CARCINOGENICITY: This product contains no ingredient listed as a carcinogen by IARC, NTP, or OSHA.

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## SECTION 4. FIRST AID MEASURES

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

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

INGESTION: To conscious person, give two glasses of water. Do not induce vomiting and call physician immediately.

INHALATION: Move person to fresh air. If breathing stops, administer respiration and call physician immediately.

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## SECTION 5. FIRE-FIGHTING MEASURES

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FLASH POINT (°) F: None.

LOWER FLAMMABLE LIMIT: None known.

UPPER FLAMMABLE LIMIT: None known.

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

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DECOMPOSITION PRODUCTS: Dried material may produce CO, CO<sub>2</sub>, H<sub>2</sub>O, N<sub>x</sub>O, and other products from the burning of aliphatic/aromatic hydrocarbons. See Section II.

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## SECTION 6. ACCIDENTAL RELEASE MEASURES

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STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Wear protective clothing. Vacuum or pump liquid into suitable container(s). Absorb residue on materials such as clay, soil, saw dust, vermiculite, etc. Surfaces will be slippery.

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## SECTION 7. HANDLING AND STORAGE

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HANDLING: Use good hygienic practices. (Wash hands before eating, using washroom, or smoking.)  
STORAGE: Store above 40 °F and below 100 °F.

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## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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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.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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BOILING POINT (°F): 212

SPECIFIC GRAVITY (WATER = 1): 1.0

VAPOR PRESSURE: Same as water.

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

% VOLATILE BY WEIGHT: 100

pH: 12.5

APPEARANCE AND ODOR: Clear Liquid with mild odor.

GRAMS VOLATILE ORGANIC COMPOUNDS/LITER OF COATING: 982

GRAMS VOLATILE ORGANIC COMPOUNDS/LITER OF MATERIAL: 593

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## SECTION 10. STABILITY AND REACTIVITY

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CHEMICAL STABILITY: Stable.

POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None.

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## SECTION 11. TOXICOLOGICAL INFORMATION

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No information available.

