



## 5080 PRESSURE SENSITIVE ADHESIVE



### ENVIRONMENTAL/PERFORMANCE:

- Solvent-Free
- VOC Compliant
- Excellent plasticizer resistance
- Excellent shear strength
- Double Stick pad to floor
- Excellent coverage
- CRI Green Label Plus Certified

### DESCRIPTION:

Signature Series 5080 Pressure Sensitive is a high quality acrylic emulsion that combines the excellent performance of a pressure sensitive adhesive with environmental safety characteristics. The 5080 gives "Total Adhesive Performance". It is releasable, non-flammable, non-hazardous and water resistant. It provides a strong, long lasting bond. 5080 is designed for the installation of dimensionally stable vinyl-backed carpet tiles in a releasable application. This adhesive can also be used to install approved cushions to recommended substrates in double glue down applications and solid vinyl/vinyl tile (12" x 12" maximum) in a "tile over tile" installation. Due to its pressure sensitive characteristics, 5080 eliminates concern about installing a non-porous backed floor covering over a non-porous substrate.

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. 5080 meets all flammability requirements for a Class A Flame Spread Rating as per ASTM E-84.

### 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 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 104-105.**

### DIRECTIONS:

1. Refer to all manufacturer's recommendations prior to installation to determine suitability of all materials to be used, approved substrates, sub-floor preparation, etc
2. Sub-floor must be clean, dry, smooth and free of any contamination, which may interfere with the adhesive bond.

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3. Where sub-floor is extremely porous, adhesive absorption may be in question, therefore it is recommended that the sub-floor be primed with Parabond M-620 Primer.
4. Refer to all floor-covering manufacturers' recommendations regarding layout, cutting, seaming and maintenance.
5. Spread adhesive using the recommended trowel. Use the dry installation method in "tile over tile" applications and for installations requiring releasability (carpet tile, double stick). If carpet tiles are installed "wet", a permanent bond may result.
6. Roll floor covering as per manufacturers' recommendations.
7. Do not wet clean floor covering for a minimum of 14 days. This will allow the adhesive to properly cure.
8. Once adhesive turns clear, floor covering must be placed within 2-4 hours MAXIMUM.

**CLEAN-UP:**

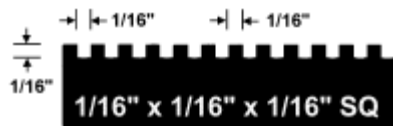
Remove wet adhesive immediately with a damp cloth. Use Mineral Spirits or M-315 Cleaner to remove dried adhesive.

**CAUTION: Mineral Spirits is flammable. Read and follow all precautions on container label.**

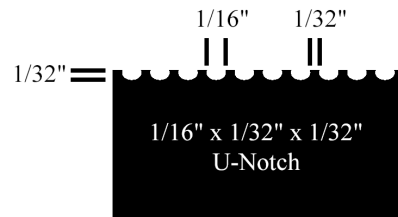
**COVERAGE AND TROWEL RECOMMENDATIONS:**

Coverage varies with installation method and condition of substrate.

Regular square notched trowel 1/16" x 1/16" x 1/16" - approximately 150-200 square feet per gallon.



Up to between 300-400 square feet per gallon using a 1/16" X 1/32" X 1/32" U-notch trowel for carpet tile installations.



**PHYSICAL PROPERTIES:**

Appearance/Odor	Straw colored paste, low odor
Shelf Life	One year @ 70°F in un-opened container
Freeze/Thaw	5 cycles at 0°F

**CALIFORNIA VOC (Volatile Organic Compound) COMPLIANCE:**

Solvent Free Product.  
 SCAQMD Rule 1168: VOC compliant.  
 SCAQMD Rule 443.1: Grams of VOC per Liter of Material < 4 gram/liter.  
 Grams of VOC per Liter of Coating < 7 gram/liter.

**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

**5-YEAR NO-NONSENSE GOOD AS GOLD WARRANTY**

5080 is warranted against cohesive failure (loss of bond) and formulated so as not to discolor or cause adhesive-induced staining in today's vinyl backed sheet flooring and/or vinyl composition floor tile for five years from the date of installation if flooring is professionally installed according to manufacturer's guidelines, CRI-104, 105 ASTM F-710 and RFCI suggested practices. This limited warranty covers materials and reasonable labor costs for five years (material meaning same type and grade if available). If unavailable or discontinued, Para-Chem reserves the right to pay dollar amount of initial purchase.

**CONSEQUENTIAL/INCIDENTAL DAMAGE EXCLUSION**

Para-Chem excludes and will not pay consequential or incidental damages under this limited warranty. By this we mean any loss, expense or damage other than to flooring itself that may result from a defect in the adhesive itself. The warranty against cohesive failure, staining or discoloration are the exclusive warranties offered by Para-Chem. All other warranties, including the warranties of merchantability and fitness for a specific purpose, are specifically disclaimed and there are no other warranties regarding these products, express or implied.

4/10/2008

# MATERIAL SAFETY DATA SHEET

Page 1 of 3

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: Signature Series 5080 Pressure Sensitive Adhesive  
CHEMICAL FAMILY: Water Base Adhesive

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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>
None				

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## SECTION 3. HAZARDS IDENTIFICATION

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PRIMARY ROUTES OF ENTRY: N/A

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: May cause slight irritation.

SKIN CONTACT: May cause slight irritation.

INGESTION: May cause gastric disturbance

INHALATION: No effect known.

CHRONIC: None known.

CARCINOGENICITY: This product contains no ingredients above the OSHA minimum reporting threshold listed as carcinogens 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. Contact a physician if irritation occurs.

SKIN CONTACT: Wash with soap and water.

INGESTION: Do not induce vomiting. Contact a physician.

INHALATION: Remove to fresh air.

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## SECTION 5. FIRE-FIGHTING MEASURES

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FLASH POINT (°)F: None.

LOWER FLAMMABLE LIMIT: None.

UPPER FLAMMABLE LIMIT: None.

FIRE-FIGHTING INSTRUCTIONS: Use protective clothing and self-contained breathing apparatus.

EXTINGUISHING MEDIA: Water fog, CO<sub>2</sub>, dry chemical, and chemical foam.

DECOMPOSITION PRODUCTS: Dried material may produce CO, CO<sub>2</sub>, NO<sub>x</sub> and hydrocarbons.

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# MATERIAL SAFETY DATA SHEET

Page 2 of 3

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## SECTION 6. ACCIDENTAL RELEASE MEASURES

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STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Contain spill. Shovel or scoop into secure container(s) for reuse or disposal. Dispense sand, sawdust, or vermiculite and absorb spill residue. Collect and place in waste container. Wash area thoroughly with water.

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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.)

Keep out of the reach of children.

STORAGE: Store above 40° F. Freeze/thaw stable up to five cycles at 20° F.

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## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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PERSONAL PROTECTIVE EQUIPMENT:

EYE/FACE PROTECTION: Safety glasses or chemical splash goggles.

SKIN PROTECTION: Rubber or leather gloves.

RESPIRATORY PROTECTION: Not normally required with good ventilation.

ENGINEERING CONTROLS: Normal room ventilation. Open doors, windows, and vents; use floor and ceiling fans to exhaust work area during application.

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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: 40

pH: 7.95

APPEARANCE AND ODOR: Off white creamy liquid.

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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

# MATERIAL SAFETY DATA SHEET

Page 3 of 3

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## SECTION 12. ECOLOGICAL INFORMATION

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No information available.

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## SECTION 13. DISPOSAL CONSIDERATIONS

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Dispose of in accordance with Federal, State and Local regulations.

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## SECTION 14. TRANSPORT INFORMATION

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For domestic transportation purposes, this product is not designated as a hazardous material by the U.S. Department Of Transportation.

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## SECTION 15. REGULATORY INFORMATION

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TSCA: All ingredients within this product are listed on the TSCA inventory.

SARA TITLE III:

Section 311 and 312 Health and Physical Hazards:

Immediate	Delayed	Fire	Pressure	Reactivity
[ ]	[ ]	[ ]	[ ]	[ ]

Section 313 Reportable Chemicals: None.

CALIFORNIA VOC (Volatile Organic Compound) COMPLIANCE:

Solvent Free Product.

SCAQMD Rule 1168: VOC compliant.

SCAQMD Rule 443.1: Grams of VOC per Liter of Material < 4 grams/liter.  
Grams of VOC per Liter of Coating < 7 grams/liter.

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## SECTION 16. OTHER INFORMATION

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HMIS RATINGS: Health = 1 Flammability = 0  
Reactivity = 0 Personal Protective Equipment = B  
Hazard rating scale: 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe

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Para-Chem, Inc. believes the statements, technical information and recommendations contained herein are reliable. They are given without warranty or guarantee of any kind, expressed or implied.

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