



## DS902 DUBL-STIK ADHESIVE

### ENVIRONMENTAL/PERFORMANCE:

- Solvent-Free –
- VOC Compliant
- High Solids
- Superior Moisture Resistance
- Low odor/Odorless When Dry
- 7-year Pro-Rated Warranty

### DESCRIPTION:

Signature Series DS-902 Dubl-Stik Adhesive has been specially developed for the permanent installation of carpet to cushion in double glue down application.

DS-902 is a high solids adhesive that can be used for the installation of woven, tufted secondary backed and smooth backed unitary carpet over approved cushions (refer to Parabond's list of approved double-glued down cushions), Hot Melt carpet and most of the majority of carpet backings found in the market place today.

The DS-902 is **Not recommended** for vinyl backed or urethane unitary carpeting.

Besides its outstanding application properties, DS-902 has been formulated for long-term performance and it has excellent moisture and alkali resistance.

DS-902 meets all flammability requirements for a Class A Flame Spread Rating as per ASTM E-84. This product is not considered photo-chemically 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 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:

Refer to all manufacturer's recommendations and guidelines prior to installation to determine that all materials are recommended and can be used in a double glue down application. For indoor use only. For best results, install at 70°F and 50% R.H.

1. Refer to Parabond's list of approved cushions.
2. Install cushion following all cushion manufacturer's recommendations.
3. For pad to sub-floor apply the specified Parabond Pressure Sensitive Adhesive with a fine-notched trowel or roller coat using a short nap paint roller. Some cushions and applications may require a permanent type adhesive between cushion and floor. Spread DS-902 using a minimum 1/16" square

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notch trowel when a permanent bond is required. Some cushions may require a larger notched trowel.

4. Precut carpet according to carpet mill's instructions and guidelines set forth in CRI Standard 104. Do not double cut with knife penetrating cushion.
5. For carpet to pad apply DS-902 to top of cushion using a 1/8" x 1/8" x 1/16" U-notch trowel. Use a 3/16" notched trowel for stiff or heavy textured backings.
6. Lay carpet into adhesive when the adhesive has flashed off most of its moisture and become "leggy".
7. Use a carpet core or lightweight roller to roll carpet into adhesive.
8. Seal all seams with Parabond M4263 Solvent Free Universal Seam Sealer, following carpet manufacturers instructions.
9. Allow installation to set for a minimum of 24 hours before allowing traffic, and 30 days before cleaning.
10. A dry cleaning system is preferred.

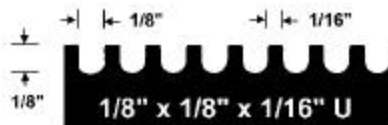
#### **CLEAN-UP:**

Wet Adhesive can be cleaned from tools and floors with warm soapy water. To remove dried adhesive from carpeting use PARABOND M-315 Cleaner applied to a clean cloth. Do not saturate carpet.

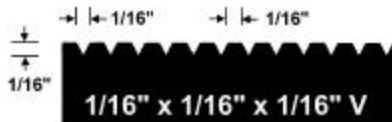
#### **COVERAGE AND TROWEL RECOMMENDATION:**

COVERAGE: Up to 200 sq. ft. / gallon depending on application

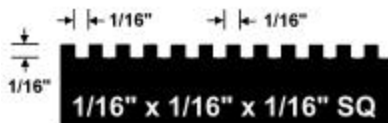
CARPET TO PAD applications use a 1/8"W x 1/8"D x 1/16"S U-notched



PAD TO SUBSTRATE (Non-Porous) applications use 1/16" x 1/16" x 1/16" V-notch



PAD TO SUBSTRATE (Porous) applications use 1/16" x 1/16" x 1/16" square notch



#### **PHYSICAL PROPERTIES:**

Color	Cream colored paste with mild odor.
Freeze Thaw	5 cycles @ 0°F
Shelf Life	One year @ 70°F in un-opened container

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**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 < 1 gram/liter.  
Grams of VOC per Liter of Coating < 1 gram/liter.

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

**KEEP OUT OF REACH OF CHILDREN**

**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:**

DS-902 carries a 7-year pro-rated warranty when carpet and approved cushions are installed according to all manufacturers' instructions, recommendations, suggested procedures and industry standards.

Should adhesive be proven defective, labor and material cost will be covered on a pro-rated basis as detailed on the full warranty statement available from the local distributor or Para-Chem. Para-Chem reserves the right to physically inspect and determine the cause for each claim, or this warranty is null and void.

Para-Chem guarantees the performance of its specified adhesives described as Dubl-Stik DS902 to install carpet over approved cushions. If a problem should occur due to out-of-specification adhesives, Para-Chem will pay for reasonable repair or replacement expenses of the installation (including labor and material). If a justifiable claim arises within the first year, the carpet, if to be replaced, will not be depreciated unless the carpet shows unusual wear and tear.

Para-Chem will not be held responsible for failures due to improper installation and/or floor preparation techniques contrary to those recommended by:

1. Carpet and Rug Institute in CRI Standard 104 and 105.
2. All cushion manufacturer's suggestions, recommendations, or guidelines.
3. The Double-Glue Down Installation Procedures and Dubl-Stik DS902 directions provided by Para-Chem. Para-Chem will also not be held responsible for the quality and/or suitability of the carpet and/or under-pad to be installed (with particular reference to stability of the carpet or wicking of the pad and/or carpet).

# 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: Signature Series DS 902 Dobl-Stik 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: 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 an OSHA minimum reporting threshold 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: Wash with soap and water.

INGESTION: Do not induce vomiting and call physician immediately.

INHALATION: Move person to fresh air.

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## SECTION 5. FIRE-FIGHTING MEASURES

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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, CO<sub>2</sub>, H<sub>2</sub>O, and hydrocarbons.

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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.) Product will adhere to skin and clothing. Keep away from 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: 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.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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BOILING POINT (°F): 212

SPECIFIC GRAVITY (WATER = 1): 1.16

VAPOR PRESSURE: Same as water.

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

% VOLATILE BY WEIGHT: 34

pH: 10.25

APPEARANCE AND ODOR: Cream colored paste with mild odor.

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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.

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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: The components of 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

VOLATILE ORGANIC COMPOUNDS (VOC): 0 pounds/gallon (Solvent free coating material).

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 < 1 gram/liter.

Grams of VOC per Liter of Coating < 1 gram/liter.

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## SECTION 16. OTHER INFORMATION

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HMIS RATINGS: Health = 1

Flammability = 1

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.

DATE ISSUED: June 12, 2007

PREPARED BY: Robert W. Smith, Jr.