



# M-2850 OUTDOOR/INDOOR CARPET ADHESIVE (Can be used to install Outdoor Carpet on Boats and Outdoor Living Areas)

## PRODUCT SPECIFICATION SHEET

**DESCRIPTION:** PARABOND M2850 Adhesive is CRI Green Label Plus certified. It is a premium performance solvent free rubber based outdoor adhesive with the high performance characteristics you expect from a solvent based adhesive. But, unlike solvent based adhesives it can be used with complete comfort, with no irritating fumes or flammability concerns. M-2850 Outdoor/Indoor Adhesive is highly recommended for the installation of Urethane foam backed turf, Unitary backed, and artificial grass carpet. M-2850 is a highly water resistant solvent free adhesive designed for outdoor or indoor use. M-2850 can be used to install outdoor carpet on boats and outside living areas. This adhesive offers exceptional bond to cured concrete, blacktop or other commonly used paving surfaces, marine grade plywood, metal or fiberglass. Indoor applications include use over acceptable flooring grade plywood or concrete, in the absence of excessive moisture or alkali. **Not recommended for vinyl backed flooring of any kind.**

**DIRECTIONS:** All surfaces must be smooth, clean, dry and free of sealers, curing agents, fire retardant chemicals or any substance that could be detrimental to adhesive bond. Asphalt must be well aged and dry. Painted surfaces must be well bonded with no peeling or flaking paint. Sub-floor and carpet should be protected from rain or excessive moisture or cold for 24 hours prior to and following installation. Substrates that are non-porous, allow adhesive to "leg-up". These type areas may require additional time and protection from rain or excessive moisture. For interior installations moisture testing should be performed using acceptable ASTM procedures, such as ASTM F-1869 anhydrous calcium chloride test method, with results not to 3 lbs./1000 sq. ft./24 hours. Concrete pH test results should not be above 9.5. Installation temperature should be between 60°F. - 90°F. Humidity in excess of 65% will slow set up and curing time drastically, and should be avoided. Carpet manufacturers procedures should be followed for layout, seaming, rolling and any special precautions. Traffic should be prohibited for a minimum of 24 hours.

## PHYSICAL DATA:

Appearance/Odor: Creamy paste/Low Odor

Solids: 76.0 – 78.0%

Shelf Life: One year un-opened at 70°F.

CALIFORNIA VOC (Volatile Organic Compound)

COMPLIANCE:

Solvent Free Product.

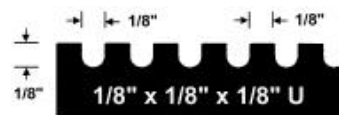
SCAQMD Rule 1168: VOC compliant.

SCAQMD Rule 443.1:

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

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

Trowel Recommendation: Most Carpet Backings: 1/8 x 1/8 x 1/8" U-notch



Coverage: 50 to 110 sq. ft./gallon depending on surface texture.

Open time: 5 to 30 minutes depending on conditions.

Stability: Freeze thaw stable to 10°F. Protect from Freezing.

Clean up: Water when wet, Mineral Spirits when dry.

Apply with cloth. Do not saturate.

## 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.

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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> M-2850 INDOOR/OUTDOOR CARPET 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 the 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.

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>, H<sub>2</sub>O, N<sub>x</sub>O, and other products from the burning of hydrocarbons.

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## SECTION 6. ACCIDENTAL RELEASE MEASURES

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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 onto 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.) Product will adhere to skin and clothing. 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: Wear splash goggles or safety glasses if contact with material is likely.

SKIN PROTECTION: Wear leather gloves where contact with material is likely.

RESPIRATORY PROTECTION: Not normally required with good ventilation.

ENGINEERING CONTROLS: Normal room ventilation. Use floor and ceiling fans, open doors and windows during application to ventilate work area.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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BOILING POINT (°F): 212

SPECIFIC GRAVITY (WATER = 1): 1.24

VAPOR PRESSURE: Same as water.

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

% VOLATILE BY WEIGHT: 21.0

pH: 10.15

APPEARANCE AND ODOR: Straw 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.

