### MorCare™ Care and Cleaning

MorCare™upholstery vinyl is easy to clean. To prevent build up of dirt and contaminates, which may cause permanent staining, periodic cleaning is highly suggested. The frequency of cleaning is dependant upon the environmental conditions the MorCare™product is subjected to.

### Antiseptic Surface Treatment

Bleach can be diluted up to a 9:1 ratio (10%). Liberally apply diluted disinfectant using a sponge, rinse with cold water several times, and then wipe dry. Repeat if necessary. Federal regulation requires that guidelines on the bleach label need to be followed for antiseptic or antimicrobial purposes.

The following disinfecting cleaners are suitable for use on MorCare vinyls:

Asepticare TB II Lysol Foaming Birex Precise (Caltech) Super Sani-Cloth PDI Cavicide (Metyrex)

Virex 256 CaviWipes Citrace (Caltech) Wex-cide

Dispatch Virox 5 JohnsonDiversy Canada

### Normal Office/Household Use

Most stains can be easily cleaned using warm, soapy water and clear water rinses. Moderate scrubbing with a medium bristle brush will help to loosen soiling material from the depressions of embossed surfaces. For more stubborn stains, use Formula 409@commercially available mild detergent in accordance with the manufacturer's instructions. When opening a new container, please test the cleaner in an inconspicuous area as cleaner manufacturers may change formula without notice. Morbern cannot be responsible when unknown changes are made by the manufacturer of the cleaner to their formulations between 6 month verification intervals. Full strength rubbing alcohol or mineral spirits may be tried with caution if the commercially available cleaners do not work. Indiscriminate use of strong solvents can severely damage or discolor MorCare vinyl

#### Other Common Stains

Ballpoint Ink: Ink spots will stain MorCare™ vinyl permanently. Immediately wipe with rubbing alcohol in a well ventilated area. This will remove much of the stain.

Oil Based Paint: The use of turpentine in a well ventilated area will remove fresh paint. Dried paint must be moistened carefully with a semi-solid gel type stripper so that the softened paint can be gently scraped away. Rinse with soap and water. Caution: Direct contact with the paint strippers will remove the print pattern on the vinyl. Wear gloves for protection while cleaning.

Latex Paint: Fresh paint can be wiped off with a damp cloth. Hot soapy water will normally remove dried latex.

Tar, Asphalt: Remove immediately, prolonged contact will result in a permanent stain. Use a cloth lightly dampened with mineral spirits or kerosene and rub stain gently, working from the outer edge of the stain towards the center in order to prevent spreading. Rinse with soap and water.

Crayon, Mustard, Ketchup: Sponge with mild soap and water. For stubborn stains that have set, use a cloth soaked in diluted mild detergent with gentle rubbing. Any remaining stain should be washed with diluted bleach. Rinse with cold water.

Chewing Gum: Scrape off as much as possible with a dull knife. Rubbing with an ice cube will assist and make it easier to remove when scraping. The remaning gum should be removed in a well ventilated area using a cloth saturated with mineral spirits. Use light rubbing, rinse thoroughly with clean water.

Lipstick, Grease, Oil, Shoe Polish: Apply small quantity of mineral spirits with a soft cloth and gentile rubbing. Take care not to spread the stain by smearing it beyond its original source. Immediate removal of shoe polish is suggested or permanent staining will occur. Rinse thoroughly with clean

Candy, Ice Cream, Fruit Stains, Liquor, Wine, Soft Drinks: Use clear, lukewarm water and a sponge repeatedly. Loose material should be gently scraped away with a dull knife. Any soiled area remaining after drying should be gently rubbed with a cloth spotted with a small quantity of alcohol. Rinse thoroughly with clean water.

Blood: Rub out any spots with a clean cloth soaked in a cool water. If stubborn spots remain, use household ammonia and rinse repeatedly with clean, wet cloth. Do not use hot water or soapsuds, this will set the stain.

Nausea Stains: Sponge the stain area with soapy water containing diluted bleach until the stain is removed. Rinse thoroughly with clean water.

Urine Stains: Sponge with soapy water containing a small amount of household ammonia. Rinse thoroughly with clean

Surface Mildew: Wash with diluted bleach, use a soft brush for stubborn growth. Rinse with clear, cold water.

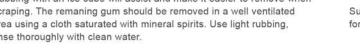








Where performance meets design.



MorCare™ products will pass IMO A.652(16) when tested with suitable components Morbern is an ISO 9001:2008 Certified Producer ©2012 Morbern, Inc.





# MorCare™ Capabilities



### Healthcare

MorCare™ is the first true healthcare performance vinyl upholstery introduced nearly ten million yards ago. Its proven performance is no surprise as we put MorCare through the most rigorous tests for scrape and scuffing resistance, chemical resistance and flame resistance. And MorCare's antimicrobial and antibacterial resistance is ideal for environments where infection control is important. Add stain resistance to our easily cleaned MorCare products and you have the supreme performance vinyl upholstery.

# Hospitality

MorCare™ vinyl upholstery wasn't designed with only performance in mind. Our diverse, newly styled product line is perfect for the hippest club in town to the finest mountain resort. With a vast offering of fashion-forward running line products, as well as completely custom design programs with our patented (u)phorial printing technology, MorCare is right for every hospitality environment. Anywhere design is paramount and performance is a must, MorCare makes itself right at home.





### Corporate

From clean, subtle solids to impressive designer patterns, MorCare™ has your corporate vinyl upholstery needs covered. From the boardroom to the break room, MorCare's beautiful, yet easy-to-clean surfaces are ready to work for you in every room of your office.

# MorCare™ Vinyl Properties and Characteristics.

MorCare™ has been developed to meet the increased demands of hospital, contract and institutional use.

### **(b)** Chemical Resistance

MorCare™ offers enchanced resistance to most of the common chemicals used for sterilization and cleaning in medical environments. MorCare will resist, without serious discoloration, the repeated action of normal dilutions of chlorine bleaches and ammonia based cleaners, as well as many common oxidizing and reducing chemicals. Please see list of approved cleaners and cleaning methods for more detail.

### Bacterial Resistance

MorCare™ protected products contain both antibacterial and antimicrobial agents that will provide resistance the following bacteria and many others, when tested using the AATCC method 147-2004: Staphylococcus Aureus Klebsiella Pneumoniae.

### Durability

MorCare™ protected vinyl will keep and maintain its new appearance under heavy duty use far longer than normal vinyl upholstery materials. It will withstand 500,000 double cycles using the Wyzenbeek #8 cotton duck test method. MorCare offers high resistance to normal scrapes and scuffing.

## Cleanability

With MorCare™ Protection, it is easier to clean freshly soiled vinyl. This is achieved by prompt energetic washing using a mild soap solution. Previously soiled areas, where soiling has not penetrated the vinyl surface, can be washed and scrubbed with a sponge or soft brush using a mild non-abrasive cleaner.

### Flame Resistance

Manufactured to meet the following flammability\* requirements:

- UFAC Class 1
- California 117. Section E
- FMVSS 302
- NFPA 260

# MorCare™ Vinyl Specifications

- Standard Weight: 32 oz/linear yd.
- Nominal Total Thickness: 0.040 in.
- · Finished Width: 54 in.
- Roll Length: 30 yd.
- Sulfide Stain Resistant
- Urine Stain Resistant
- Mildew & Bacteria (Staph) Resistant
- · Enhanced Bleach Resistant
- 100% Polyester Loop Knit Backing
- · Anti-Static Slip Finish
- Oil Resistant
- Abrasion Resistant: No significant wear after 500,000 double rubs with #8 cotton duck using the Wyzenbeek test method.

<sup>\*</sup> This term and all corresponding data refer to typical performance in the specific test indicated and should not be construed to imply the behavior of this or any other material under actual fire conditions.