

McNETT®

Essentials for Adventure™

Outdoor Gear Repair & Care Guide

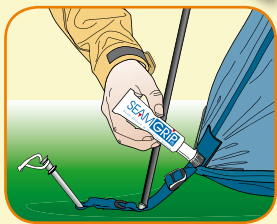
**For Camping, Hiking,
Backpacking etc.**

TENTS

SEAM SEALING



Apply Seam Grip® to the inside of the perimeter floor seam; this seam is not taped at the factory. Draw seam sealer across threads and under folds. Mix Seam Grip with COTOL-240™ before applying for 2 hour cure time. Allow tent to dry overnight before using or storing.

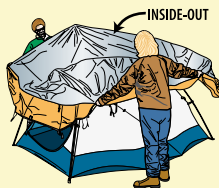


Use Seam Grip to seal areas that regularly leak, such as stake-out points at corners.



After years of service, seam tape on tents and outerwear can peel or pucker and the seam will begin to leak. If a small section has peeled use Seam Grip to reattach it. If the tape seems to be failing everywhere, remove and discard it, then clean the seams and re-seal with Seam Grip or Seam Sure™.

Seam Sure™ Water Based Seam Sealer is the easiest formula to use on large family or 'cabin' style tents. Apply Seam Sure as you would Seam Grip. Once dry, Seam Sure is nearly invisible.

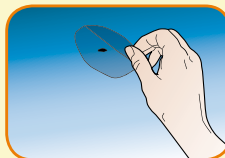


To seal the seams on your flysheet, set it up inside-out for easier application. Attach the rainfly to the tent so all seams are taut. Before re-packing the tent and to prevent tacking, sprinkle talcum powder onto all cured Seamgrip treated seams or repairs etc.

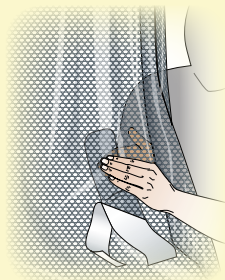
TEAR & HOLE REPAIR



Seam Grip® permanently repairs common pinholes and tears in the tent floor. Apply just enough Seam Grip to cover the hole and spread 6mm beyond. Allow to dry level overnight. For 2 hour cure time, mix Seam Grip with COTOL-240™ before applying.



To use the tent immediately, cover uncured Seam Grip with a McNett Tenacious™ Patch. Use patch as a backing before applying Seam Grip to larger holes and tears. Remove patch in a few days when the Seam Grip has cured. The Field Repair Kit includes both adhesive and patches.

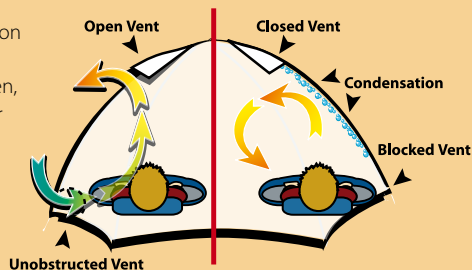


Keep the bugs out! Tenacious Patches or Tenacious Tape provide a quick, in-field repair to torn mosquito netting until a more permanent repair can be made.



Tent Tip

Minimize condensation in tents by keeping upper tent vents open, and lower vents clear of sleeping bags, pads and other bulky items.

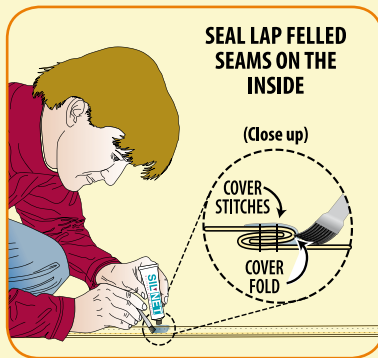
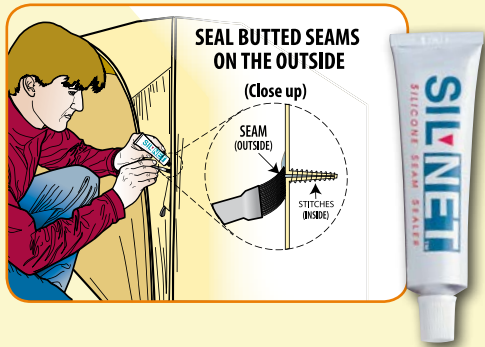


TENTS

TEAR & HOLE REPAIRS

SILICONE COATED FABRICS

If you have a tent made from silicone coated fabric, seal seams and repair holes with SilNet™. SilNet is the only sealer that will bond to silicone treated fabric.



Tent Tip



When it's windy, mosquitoes will congregate on the lee side of objects to avoid being blown away. So pitch your tent door into the wind. You'll be able to enter without bringing the swarm in with you.

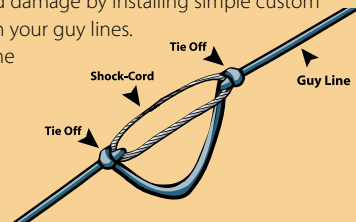
RE-COAT TENT FLOORS

Re-coat worn areas on your tent floor with Tent Sure™ Tent Floor Sealant. Apply to the coated side of the fabric (the inside) using a large foam paintbrush. For best results apply Tent Sure in a thin film, using even, sweeping motions to avoid puddles. A single thin coat works best.

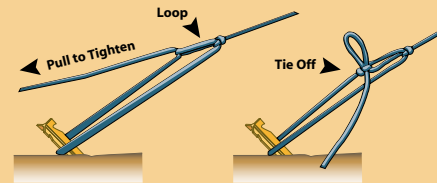


Tent Tips

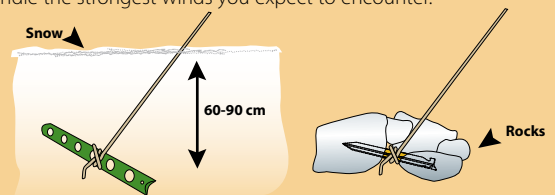
- Reduce tent fly wind damage by installing simple custom shock-cord loops on your guy lines. This design keeps the original guy line as a failsafe backup.



- The Trucker's Hitch is one of the easiest methods to tension guy lines. Set up as illustrated above. Create the loop by using an 'overhand on a bight' or a slip knot. Tie off with a looped half hitch which is easy to untie and adjust.



- On snow or rocky ground set the stake "deadman" style. Tie into the center of the stake then bury it horizontally in snow or under rocks. The line and stake together should make a "T". Be sure to bury the stake 60cm to 90cm deep or the stakes will melt out! When using rocks, be sure to use enough to handle the strongest winds you expect to encounter.



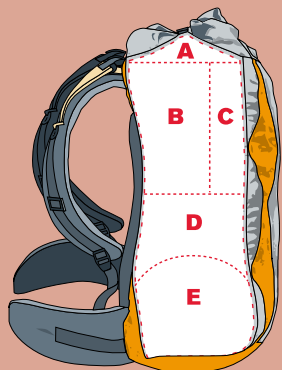
CAMPING & BACKPACKING

Back Pack Tips

Steps to Lifting a Backpack



1. Lift to bent knee.
2. Slide onto one shoulder while swinging slowly around and slide other arm in opposite strap.
3. Fasten hip belt, then adjust other straps and off you go...

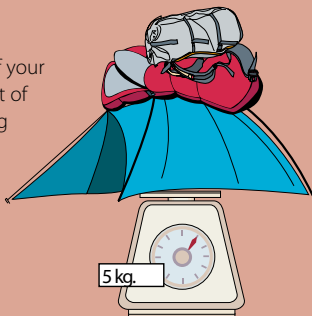


Proper Backpack Weight Distribution:

- A. Small, "Quick Access" Items
i.e.: sun block, head lamp, etc.
- B. Heavy Weight Items
i.e.: food, water, fuel, etc.
- C. Light Weight Items
i.e.: rain wear, clothing, etc.
- D. Medium Weight Items
i.e.: tent, ground sheet, etc.
- E. Sleeping Bag.

Going Lighter – The "Big 3" Gear Items

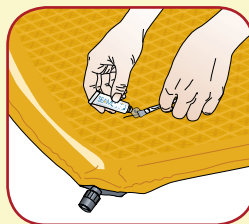
- To dramatically reduce the weight of your fully loaded backpack get the weight of your "Big 3" gear items down. The "Big 3" are your tent, sleeping bag and backpack (empty) combined.



- For a "light" weekend pack (total weight under 15 kg) get your "Big 3" weight under 5 kg.

- For an "ultralight" weekend pack (total weight under 10 kg) get your "Big 3" weight under 3 kg.
Tip: to achieve the 3 kg "Big-3" weight consider a single-wall and/or non-freestanding tent or a silnylon tarp.

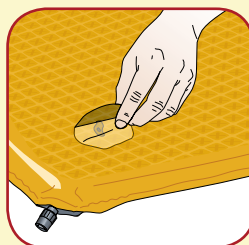
INFLATABLE MATTRESS REPAIRS



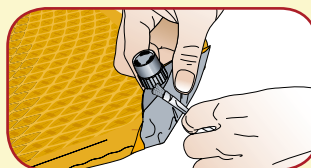
Home Repair: Clean and dry area to be repaired. Apply Seam Grip® to cover the hole and spread 6mm beyond. Allow to dry level overnight.



Field Repair: To speed the cure time, mix a few drops of water into Seam Grip before applying to the hole. Seam Grip cures faster when it's wet (use patch backing for mixing). Apply mixture and allow to cure level for 30 minutes (It will probably be fully cured in 2 hours). Note: Mixing Seam Grip with water will make repair cloudy. For a clear repair, mix with Cotel-240™.



To use the repaired mattress at once, center Tenacious™ Patch and apply over uncured Seam Grip. The patch must extend at least 6mm beyond the Seam Grip. Press patch firmly onto mattress. Your inflatable mattress is ready for use! Allow the patch to remain for 3 to 4 days, then remove. The Seam Grip will have permanently sealed the hole underneath.

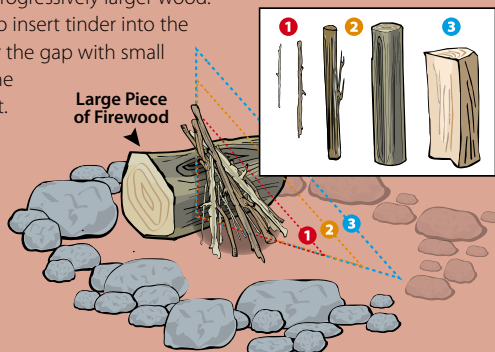


Seam Grip seals small holes and leaks in the nozzle area. Seal with Seam Grip and stand upright overnight.

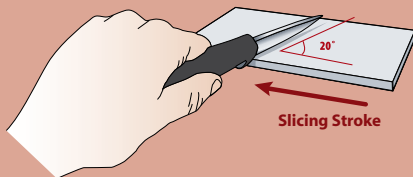
CAMPING & BACKPACKING

Camping Tips

- One of the easiest campfires to build and maintain, the "lean-to" fire is a simple pyramid-shaped lean-to built against the side of a large piece of firewood. Build up the lean-to using pencil-sized wood first followed by progressively larger wood. Leave a gap to insert tinder into the interior. Cover the gap with small wood once the tinder is alight.



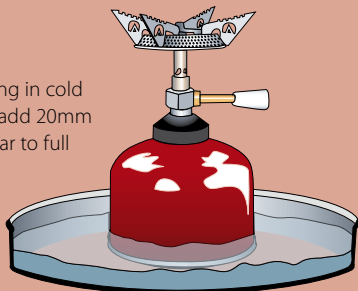
- Commonly available fire lighters include: clothes dryer lint (extremely lightweight), alcohol hand sanitizing gel, a small piece of candle, some insect repellents and even greasy potato chips.



- To sharpen a knife, slide the knife across the sharpening stone as though you are trying to cut a thin slice off the stone.

Hold the blade at roughly a 20 degree angle and draw it steadily. Be sure to count the number of strokes and do the same number of strokes on the opposite side.

- If your butane stove is struggling in cold weather, set it in a pot lid and add 20mm of cool water. The stove will roar to full power (the fuel is now at least 0° C). Do not use hot water in the lid.

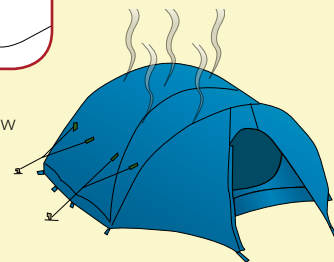


ELIMINATING ODOURS

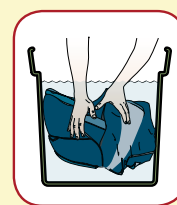
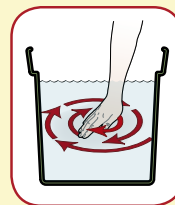
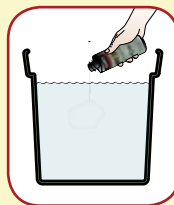


To remove strong odours from boots and shoes, spray with ReviveX® Footwear Odour Control. Thoroughly spray all surfaces – inside and out, including the tongue where odour causing bacteria likes to hide.

To eliminate odours, mold and mildew from tents and other gear without damaging the waterproof coatings or fabrics, use McNett MiraZyme.



- Fill a tub with just enough cool water to submerge item. For tents and packs add 30-60 ml of MiraZyme (depending on odour strength). Stir to mix.
- Unzip all zips, open flaps, etc. Submerge item in solution saturating inside and out. Soak for 10 minutes then remove.
- Do not rinse, the enzymes do much of their work while the item dries. Hang to air dry in the shade. Do not machine dry.

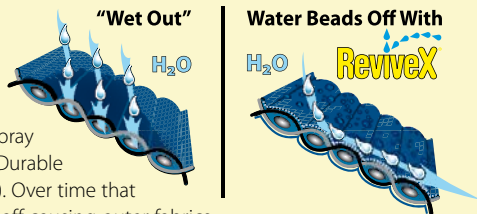


- Eliminate strong sandal odours by scrubbing the footbed in a sink or bucket of MiraZyme treated water. Allow to dry (the MiraZyme microbes work as the sandal dries) then put them in the freezer overnight to eliminate any last traces of "funk".

OUTERWEAR

How ReviveX® Works

All rainwear is factory treated on the outside with a special water repellent spray called DWR (for “Durable Water Repellent”). Over time that treatment wears off causing outer fabrics to “wet out.” Though rain isn’t leaking all the way through the garment, it may feel and look like it is. This is because “wet out” reduces breathability and creates excess interior condensation making you damp and cold. ReviveX® water repellents are unique because they bond to both the fabric and any remaining factory DWR creating the most durable water repellent finish available.



WHICH WATER REPELLENT IS BEST FOR YOU?

ORIGINAL SPRAY-ON FORMULA

ReviveX® Spray-On Water Repellent is a “universal” application for hard shell outerwear as it only treats the outside of the garment, leaving interior (possibly wicking) liners untreated. The spray-on version is also ideal for treating down and synthetic insulated garments and sleeping bags. One benefit of the spray is that you can concentrate heaviest on areas where water repellent finishes (DWR) tend to wear first, such as the shoulders of a jacket or the seat of a pair of pants.



Use ReviveX Wash-In Water Repellent to treat hard-shells and hard-to-treat items such as fleece jackets and hats in one load. Ideal for 2.5 and 3 layer hard-shells (rainwear without a wicking liner). For skiwear and other “wicking liner” garments use ReviveX Spray-On formulas.

RAINWEAR & SOFTSHELLS

Don’t wash your high tech jacket in household detergents designed for your jeans! Household detergents leave residues that damage water repellent finishes (DWR). Wash all outerwear at least once per season with ReviveX® Synthetic Fabric Cleaner Concentrate.

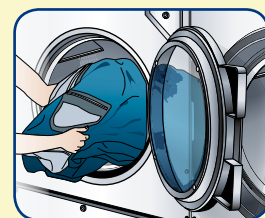
Step 1: Prior to washing, apply cleaner directly to heavily soiled areas. Close all zips and Velcro® tabs.

Step 2: Add ReviveX Synthetic Fabric Cleaner to washer. Wash garments using the delicate cycle and warm water. Whenever possible use a front loading washing machine, instead of a top loading washing machine.

Alternate Step 2: If desired, hand wash garments in a sink or bath. Fill with just enough water to cover the garments and add cleaner. Gently knead all areas to remove dirt and stains. Rinse thoroughly until water runs clear.

Step 3: Now is a good time to apply a fresh water repellent treatment. Place wet garment on a hanger. Spray ReviveX Spray-On Water Repellent on the garment exterior. Concentrate spray heaviest on high wear areas such as the shoulders, zip flaps and cuffs.

Step 4: Dry using heat setting recommended by garment care label (medium heat if possible). To restore rainwear and softshells to their original water repellency, dry garments for at least 60 minutes.



FOOTWEAR

WATER REPELLENCY FOR NUBUCK, SUEDE & FABRIC



First remove dirt and trail hardened grime with ReviveX® Boot Cleaner and air dry.

Stuffing shoes with newspaper will absorb moisture and help footwear to dry faster.



Apply water repellent to clean dry footwear. Liberally treat the tops and sides of the toe area, especially where the boot bends.



Boot Tip

Sitting at the campfire with your feet towards the fire may make you comfortably warm, but your boot soles could be close to melting. This can easily cause failure of the sole's glue bond. If your boot soles are peeling use Freesole® Urethane Adhesive for a permanent fix.



WATER REPELLENCY FOR LEATHER

To prepare footwear for the wettest, most abrasive situations such as step kicking in snow, ice climbing or mixed climbing, use a heavy duty gel waterproofing formula such as ReviveX® Leather Gel. Apply gel to a clean cloth, then buff into the leather.



Gel water repellent treatments will darken leather, giving footwear a rich, traditional outdoor look. Do not use on nubuck or suede footwear, unless you like the darker colour.

Boot Waterproofing Tips

Heavy duty mountain boots are obsolete for backpacking. But while the ultralight backpacking crowd (carrying 10 kg packs) get by on trails using trail running shoes or even good sport sandals, most people carrying heavier loads should have some ankle support. Well-made light hikers with a 3/4 or full-height ankle collar are usually enough for moderate loads on most trails.

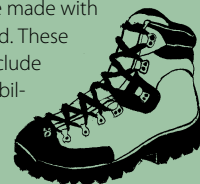
- Lightweight hiking boots are made with nubuck, suede, nylon or Gore-Tex® fabric. Weatherproofing: Use ReviveX Nubuck, Suede & Fabric Spray—it won't darken or smooth footwear and is ideal for Gore-Tex® fabric and other waterproof breathable footwear.



- Mid-weight hiking & backpacking boots, are made with full-grain leather for added support and durability. Many feature Gore-Tex® fabric for added comfort. Weatherproofing: Use ReviveX Leather Spray—it's formulated for extreme conditions, and won't alter the appearance of full-grain leather.



- Extended backpacking & mountaineering boots are made with the roughest terrain and wettest conditions in mind. These boots are made with full-grain leather and often include Gore-Tex® fabric for maximum dryness and breathability. Weatherproofing: Use ReviveX Leather Gel—originally developed for mountain climbers, the most durable boot waterproofing available.



FOOTWEAR

RE-BONDING SOLES



Use Freesole® to permanently re-bond a peeling boot sole. First remove loose dirt and debris and then clean the area with rubbing alcohol (isopropyl alcohol) and a stiff brush. Apply Freesole to the sole evenly. Tape, clamp or weight sole firmly in place and dry overnight.



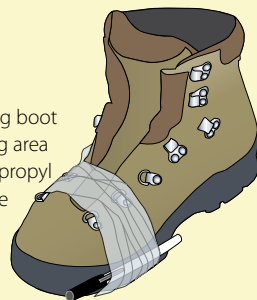
REBUILDING HEELS



- Freesole rebuilds heels. Sand worn area then buff with rubbing alcohol (isopropyl alcohol) soaked rag. Make plastic tape “dam” as shown. Set sole level and apply Freesole. Cures in 12-24 hrs.

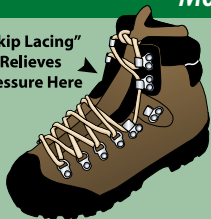
RE-BONDING BOOT RANDS

- Use Freesole to permanently re-bond a peeling boot rand. First remove dirt, then clean the bonding area with Cotel-240™ (best) or rubbing alcohol (isopropyl alcohol) and a stiff brush. Apply Freesole in the gap. Tape or clamp firmly in place and dry overnight. When taping, insert a pen to apply pressure directly on the rand.

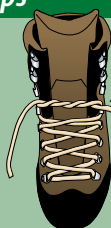


More Boot Tips

“Skip Lacing”
Relieves
Pressure Here



A Double
Wrap Here
Allows the
Upper Area
to be Tighter
or Looser Than
the Lower Area



- Relieve pressure and give your boots a custom fit with these lacing tricks. 1. Use “Skip Lacing” to take pressure off sensitive areas 2. Use the “Double Wrap” to have different levels of tightness on upper and lower sections of the boot.

MAKING A TOE CAP

Climbers and hikers create tough toe caps with Freesole to protect boots from sharp rocks and crampons.

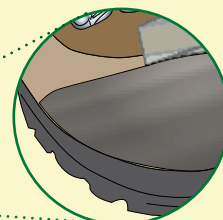
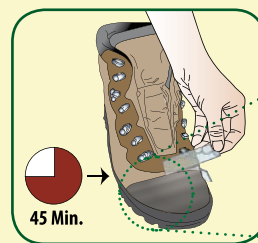
Step 1: Start with a clean, dry boot. Stuff newspaper tightly inside the boot toe area. Apply tape tightly across toe to create straight edge. Lightly sand the toe area with sandpaper, then buff aggressively with a rag dipped in rubbing alcohol. Allow to dry and buff a second time with rubbing alcohol.



Step 2: Paint the surface with Freesole. Be sure to cover all areas between the sole and the tape. Freesole will self level and become smooth.



Step 3: Wait 45 minutes, then peel off tape. Do not leave tape on longer! Allow your new toe cap to cure completely overnight.



REPAIRING TORN PANELS

Repair torn leather and fabric panels with Freesole. Carefully apply Freesole to both sides of torn area with brush. Press to close and hold in place with clear packing tape overnight.



TRAVEL ESSENTIALS

TICK BITES

Tick bites are a major problem in Europe as they can transmit over 50 different diseases and viruses. The Most dangerous being meningitis (FSME) and Lyme disease (borreliosis). The FSME virus is transferred shortly after the bite therefore before visiting FSME infected areas, it is advisable to obtain vaccination against the FSME virus.



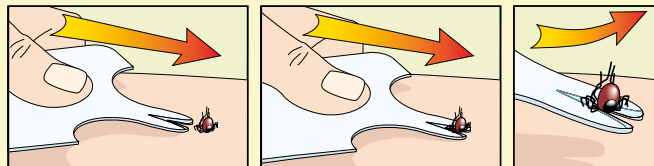
Borreliosis is usually transferred within 8 to 24 hours after a bite. Should troublesome symptoms appear i/e itching or red skin around the bite, or if in doubt, seek medical advice immediately.



Long sleeves plus long trousers and closed footwear offer some protection but McNett tick deterrent spray is also recommended prior to outdoor activity. When returning indoors from green areas (even the garden) carefully check all clothing and body for ticks. Remove ticks from the body in one piece and in one swift movement to reduce stress and damage to the tick. In stress, the tick will transfer large amounts of the borrelia bacteria. The McNett tick card is designed to remove ticks quickly and in one piece from the skin. The card also features a magnifier for checking the bite area.



CREDIT CARD SIZE TICK CARD



INSECT REPELLENTS

Biting and stinging insects such as mosquitoes, midge, gnats, ticks and horse flies can ruin any leisure activity.



They irritate, cause itchiness and can also transfer a number of serious infectious diseases including malaria, yellow fever and dengue.



Reduce the risk of mosquito bites by wearing light coloured, finely-woven clothing. Where possible, cover exposed skin with long sleeves, long trousers and socks etc.

Mosquito nets are an essential and inexpensive accessory, which helps to ensure you get a good nights rest. They are also lightweight and compact making them ideal for your travel kit.

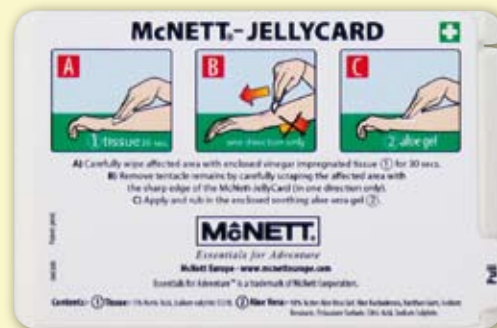
Apply a strong insect repellent such as McNett Anti-Bite Deet 50% to exposed skin areas especially at night. For young children, pregnant women or people with sensitive skin use a natural insect repellent such as McNett Bio Formula Anti Bite.



JELLYFISH STINGS

Contact with jellyfish can be most unpleasant. Their stings can induce loss of consciousness, requiring artificial respiration and CPR, and in some cases it can be fatal. In severe cases medical emergency assistance is required.

The McNett Jellycard fits inside a wallet or purse and has been specially developed for relieving pain after contact with jellyfish tentacles. Simple and effective and also suitable for insect stings. The sliced corner of the cards sharpened edge, will also remove the actual sting itself.



PADDLE SPORTS

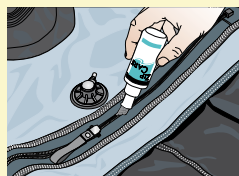
DRY SUIT CARE & REPAIR



Wash paddling dry tops and dry suits in McNett® Wet Suit and Dry Suit Shampoo. To eliminate the toughest odours, dip suits in MiraZyme™ treated water and air dry (see instructions on page 9). MiraZyme is a powerful blend of odour fighting microbes & enzymes.



To find pinhole leaks in GORE-TEX® fabric dry suits: 1) Turn the suit inside out. 2) Soak the tip of a rag in rubbing alcohol (isopropyl alcohol) and dab over the suspect area. 3) The hole will show up as a contrasting colour. Allow area to dry and seal (on the inside surface) with Aquesure®.



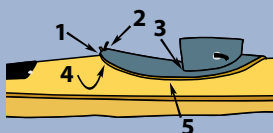
Dry suit zips are tough to operate and expensive to replace. To ease opening and maximize zip life, remove dirt and grime with Zip Care™ liquid zip cleaner & lubricant. For heavy duty lubrication use Zip Tech™ stick lubricant.

Paddling Tips



- Keep knots and kinks from jamming in your throw bag by stuffing it correctly!
 - Step 1. Untangle and spread out your rope on a clean surface.
 - Step 2. Turn your back to your rope, drape it over your shoulder and begin to coil it into your throw bag.
 - Step 3. Ensure you're stuffing the bag evenly and that kinks are untwisting behind you.

- Kayak cockpits are notorious for cutting into spray skirts and causing exterior cracking. Apply spot applications of Aquesure to permanently repair and protect both the interior and exterior.



- 1) Outside Rim
- 2) Top Stretch Point
- 3) Taped Seam
- 4) Inside Rim
- 5) Outside Edge Damage from Paddle

BOAT, CANOE & KAYAK CARE

To remove tough stains on kayaks, inflatable boats and other paddlesports gear use McNett Boat Cleaner. This environmentally friendly formula effectively removes tar, mold and other stubborn stains.



Every 30-45 days of sun exposure treat surfaces of boats, PFD's, spray skirts, paddles, and dry suit gaskets with UV Tech™ Surface Protectant & Rejuvenator to prevent brittleness, cracking and colour fading.



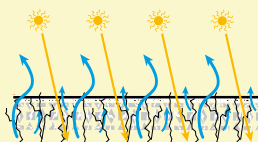
UV Tech protects colours on PFD's, paddles, spray skirts, dry bags etc! All benefit from UV Tech.



Why Use UV Tech?

Without UV Tech

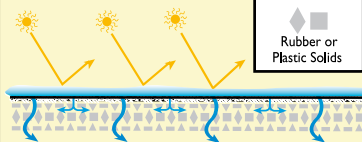
- UV Damage
- Loss of Essential Oils



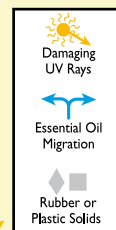
Magnified view of damaged raft or kayak hull

UV Tech

- Preserves Colours
- Reduces UV Damage
- Restores Essential Oils



Magnified view of raft or kayak hull treated with UV Tech





Essentials for Adventure™



At McNett, we believe it's important to renew, reuse and recycle outdoor gear and clothing, especially for the purpose of introducing new people to the outdoors. Young people in particular need mentors willing to show them there is a world beyond the 'virtual' one.

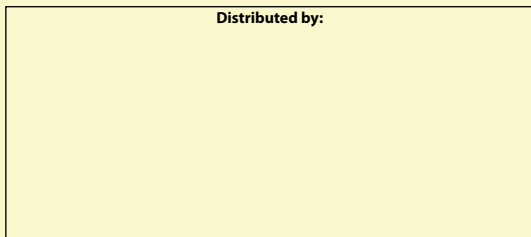
Our products are ideal for breathing new life into old gear. These unique formulas will make water bead off old jackets and boots, restore loft to down sleeping bags and permanently seal leaky tents.

We encourage you to look through your cuboards and find the 'old friends' who carried you through many adventures. These jackets, sleeping bags and tents have a presence all of their own and stories to tell new users. Restore these items, and share them with the next generation.

– Your friends at McNett



Distributed by:



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