

# **LIQUICELL®**

## **An Aid in the Prevention of Pressure Ulcer and Other Skin Breakdown.**

*LiquiCell* is a branded technology used across a number of visible markets, including automotive, sport and recreation, office furniture, healthcare and footwear. Some of the current LiquiCell users include:



Birchwood Laboratories, Inc  
LiquiCell

7900 Fuller Road  
Eden Prairie, MN 55344  
USA

[www.liquicell.com](http://www.liquicell.com)



La-Z-Boy Contract Furniture  
Knú, LLC  
P.O. Box 9  
Ferdinand, IN 47532  
P: 812.367.2068 | F: 812.367.2493  
[www.lzbcontract.com](http://www.lzbcontract.com)

## An Aid in the Prevention of Pressure Ulcers and other Skin Breakdown

**LiquiCell®** is a medical technology that protects skin tissues from being stretched and torn, thereby optimizing blood flow. This ultra-thin cell contains a liquid that is in constant motion allowing the body to glide or float with an object. What LiquiCell provides is advanced skin pressure protection because soft tissue shear stress is greatly reduced and blood perfusion is improved.



**LiquiCell** provides unsurpassed long-term comfort to improve patient quality of life.



**LiquiCell** significantly reduces shear and friction.



**LiquiCell** is an aid in the process of preventing pressure ulcers, or other skin breakdown; thereby shortening longterm medical care and lowering costs.



**LiquiCell** does not interfere with patient positioning or stability.



**LiquiCell** is ideal for all support surface applications, including mattresses and bedding, mobility products, cushions, furniture and more.

**LiquiCell** is designed to reduce skin pressure at the elbow, ankle, ischial tuberosity, sacral, and lumbar areas for individuals with extended time in beds and seated positions, who are experiencing physical discomfort, and who are at risk for pressure ulcer development.

### **LiquiCell: The Science behind the Technology**

- LiquiCell is proven to improve blood perfusion (flow) by 150%. (March 2006)
- LiquiCell is proven to reduce long-term discomfort. (March 2005)
- LiquiCell is proven to reduce soft tissue shear forces, a leading cause of pain and discomfort, by up to 39% better than other leading comfort materials. (March 2001)

### **What is Comfort Over Time?**

Simply put, *Comfort Over Time* is the most important factor in determining the actual comfort value of any product. Many substances can induce an immediate sensation of comfort on contact, but over time, discomfort sets in and you find yourself wondering "What happened?"

*LiquiCell provides enhanced comfort where others leave off. At the point when you are asking yourself "What happened?"—LiquiCell's benefits really emerge.*

*The LiquiCell difference—equipped for Comfort Over Time.*



## What people are saying about *LiquiCell*

"After two back surgeries, I was having back pain, sciatica, and difficulty sleeping at night due to cramping in my lower legs. I noticed an increase in symptoms during any extended time in my car. My wife convinced me to try changing vehicles. After trying many vehicles, I chose a Toyota Tundra with LiquiCell bucket seats. To my astonishment (and my physician's), I'm now symptom free. I'm a believer!"

*A. Marrero, LTC, Ph.D., Ft. Leavenworth, KS*

"I really like the new [LiquiCell] strip ones you made for the thumb. People are starting to return after having them in the splint. The feedback is positive and they think the LiquiCell helps make the splint more comfortable..."

*Carol, Occupational Therapist*

"We bought our new car based on the LiquiCell seats. Old folks need comfort, and LiquiCell seats proved to be the only ones for us."

*J. Coulter, Austin, TX*

"Great news...The cushion cover is very good. The most remarkable thing is the reduction in heat and perspiration, I would guess by 45-50%. Shear is reduced also...Would be a good asset..."

*Tony (wheelchair user), Regional Sales Manager, Motion Concepts*

"...Lotion was being applied to my skin constantly because of great concern over the development of bed sores. Once LiquiCell was laid over my bed and positioned under the right areas, I was noticeably more comfortable. My nurse's concern over bed sores has lessened considerably because the sores I had before using the strips [LiquiCell Anti-Shear Mattress Overlay] are much improved and no new sores have developed."

*Bone Cancer Patient – Home Care*

