

## Special Offer

# Discount SunMate

## Reduced Prices on SunMate

### Premium Bottom Cuts

A limited quantity of SunMate Premium Bottom Cuts is being offered at reduced prices. The sheets cut from the bottom of the SunMate buns are of such high quality, the company would like to see them put to good use. This is an excellent solution for those operating on a budget.

Bottom cuts have a light skin, slight wrinkling and some thin air pockets on one side. The opposite side is first-quality foam. (See photo.) Bottom cuts are available in sheets or cushions in soft, medium-soft or medium support pressures. Please call customer service for pricing or check the web site at [www.sunmatecushions.com/special\\_offer.htm](http://www.sunmatecushions.com/special_offer.htm)

### Available Sizes

37" x 82" x 1/2" sheets

37" x 66" x 1/2" sheets



### Suggested Applications

FIPS base foam for seat and/or back cushions, padding for foot boxes, adduction, abduction, or arm troughs, camping mats, exercise mats, mattress overlays, and more.

### Ski Resort Uses Discount SunMate for Impact Protection

This past winter a local ski resort contacted DSI to inquire about the special offer on discount SunMate. As a preventative measure, the proprietor thought it would be a good idea to wrap the ski-lift poles and snow-blowing poles in a soft, impact absorbing material, in case novice skiers lost control and accidentally ran into them. SunMate, which has provided impact protection for race car drivers and aircraft pilots, works for this application as well.

The ski resort ordered over 400 sheets of the discounted bun bottoms and wrapped protruding edges and obstacles in several layers of the material. The foam was then wrapped in bright orange plastic to waterproof the cushions and make the danger zones more visible to skiers.

### Discount Pudgee

Pudgee is similar to a solid gel cushion and is extremely soft. Discount Pudgee pads are noticeably firmer (95% or more) than a regular Pudgee, but still make comfortable stadium cushions or floor mats. They are available in a wide variety of sizes in 1/2", 1" and 2" thicknesses. Call for prices and more information.

## What is SunMate?

### Not Your Ordinary Foam

SunMate is a viscoelastic, energy absorbing, memory foam with slow springback. It flows to match the contour of the body and reduces fatigue through uniform pressure distribution. Its open-cell structure maximizes airflow to reduce heat buildup.

### Tough Enough for Industrial Applications

SunMate differs from other memory foams in its ability to maintain its comfort and support properties through a wider temperature range. SunMate cushions are typically used for seating and sleeping surfaces in an average room temperature environment. However, SunMate is often used for rigorous applications such as race car seating or mining car seating where temperatures can be extreme. Studies have shown that SunMate outperforms other materials in extreme conditions where durability, impact protection and vibration absorption count.

### Sensitive Enough for Intensive Health Care

SunMate is most often used in the medical industry as orthopedic seat cushions, in wheel-chairs or as mattress pads. SunMate cushions are available in 7 different levels of pressure support and can be tailored to match an individual's requirements based on weight and distribution needs. SunMate has been shown to benefit skin health, improve blood circulation, and provide support and pressure relief to those who are bedridden or must sit for many hours a day.

### Fun Enough for Mud Wrestling!

SunMate is so versatile, people use it for all kinds of things. It has been used in wrestling mats, amusement park rides, sculpture and equine prosthetics. Its uses are only as limited as the imagination.

### Glue, Waterproof, Cut & Cover with Ease

SunMate material has a density of 5 lb/ft<sup>3</sup>, and comes in a variety of sizes and thicknesses. It's easy to cut to shape, glue together, and cover with fabric. If SunMate is covered with a waterproof coating, it can be cleaned with soap and water and sterilized with alcohol, steam, or hot air at up to 300°F. DSI offers several coating options for making SunMate fire-retardant as well.

### Earth-Friendly & Safe To Use

Half of SunMate's ingredients come from plant-based material, giving it a freshness and a natural feeling that other foams don't have. SunMate is also a low-toxicity cushion material so it is safer to use.

# Special Offer

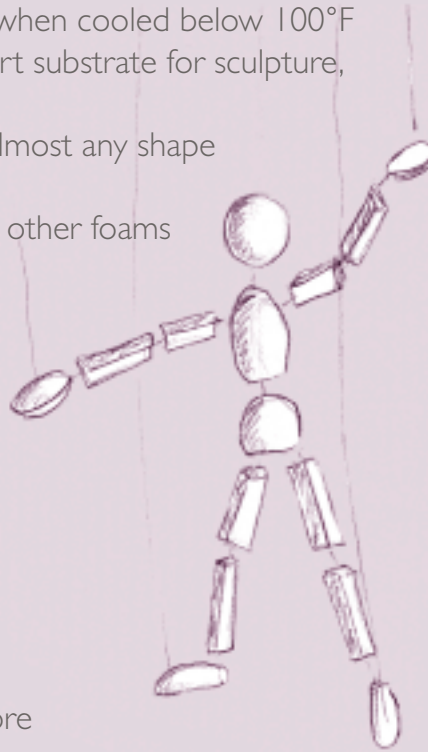
# Sculpture Foam

## Properties

- ◆ thermoplastic, modified polyurethane
- ◆ high impact energy absorbing
- ◆ semi-rigid
- ◆ when heated to 120°F, capable of being bent, twisted or molded into a shape which it will retain when cooled below 100°F
- ◆ rigid enough to serve as a support substrate for sculpture, puppetry, costumes, etc.
- ◆ carvable like wood or clay into almost any shape
- ◆ lightweight (apx. 5.3 lb/ft<sup>3</sup>)
- ◆ easily bonded to itself, fabric and other foams with a spray adhesive.

## Uses

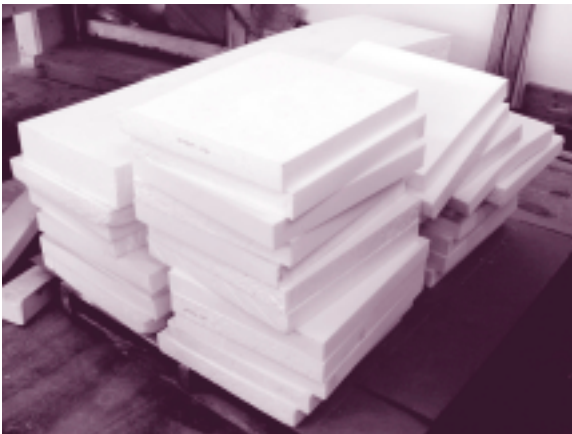
- ◆ art projects
- ◆ industrial design
- ◆ model-making
- ◆ theater set & prop building
- ◆ holiday props
- ◆ costume design
- ◆ puppetry
- ◆ furniture design
- ◆ architectural applications and more



Odd Sizes Sale  
**Only \$1/lb\***



Some of the smaller, miscellaneous sizes available



16" x 17" x 2" and 17" x 37" x 2" blocks



Sheet sizes: 37" x 82" x 1/2" or 1"

Limited quantities available while supplies last at the discounted rate of \$1/lb\*. Some discount material has been discolored by UV light. This slight cosmetic flaw may be hidden with a simple fabric cover, waterproof coating or paint. Samples available upon request. To place an order, call (828) 683-3523 or visit our web site:

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

\* Shipping is not included in the per-pound price. Shipping UPS requires 37" x 82" sheets to be cut in half. A cutting fee may also apply. Please call for details.

## Available Sizes

- 37" x 82" x 1/2" sheets (apx. 5 lb ea.)
- 37" x 82" x 1" sheets (apx. 10 lb ea.)
- 16" x 17" x 2" blocks
- 17" x 37" x 2" blocks
- 4" x 4" x 60" blocks
- and other miscellaneous sizes