

# Where's the Beef? Beef By-Products

The word “beef” probably makes you think of meat, like hamburger and steak. These are the main products of the beef animal, but there are many other by-products you likely use every day. By-products are the items that can be produced with what’s not used to make the main product. Very little of a beef animal is wasted. A beef by-product is anything made from a beef animal other than the beef we eat. Some by-products can be edible, like the gelatin from the beef animal’s hooves and horns that is used in marshmallows. Many by-products are inedible, like the leather from the hide that is used to make baseballs. Other by-products are used in medicine like insulin that is made from the animal’s internal organs. You probably use at least one item containing beef by-products every day!

## Bones/Hooves/Horns

adhesives	lamination
bandaids	pet food
buttons	photo film
charcoal	piano keys
china	plant food
combs	plastics
conditioner	plywood
dice	shampoo
football helmet	tooth brushes
glass glue	wallpaper

## Manure

fertilizer  
nitrogen  
phosphorous  
methane gas

## Fat

antifreeze	detergents	paint
bio-diesel	dish soap	perfume
candles	fireworks	pesticides
cement	insulation	plastics
ceramics	linoleum	rubber
chalk	lipstick	shaving cream
chewing gum	makeup	soap
crayons	margarine	tires
creams & lotions	matches	toothpaste
deoderant	oils & lubricants	

## Hide (Hair & Skin)

adhesives	gummy bears
air filters	insulation
baseball	leather
baseball mitt	marshmallows
belts	medicines
boots	paint brushes
candies	plaster
clothing	sneakers
dry wall	soccer ball
felt	volleyball
football	wallets
gelatin	



## Internal Organs/Blood

cake mixes  
dyes & inks  
fishing line  
imitation eggs  
instrument strings  
insulin  
medical sutures (stiches)  
medicines  
pasta  
sausage casings  
tennis racket strings