# More Than Beef!



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

#### Manure

fertilizer nitrogen phosphorous methane gas antifreeze bio-diesel candles cement ceramics chalk chewing gum crayons creams & lotions deoderant Fat detergents dish soap fireworks insulation linoleum lipstick makeup margarine matches oils & lubricants

paint perfume pesticides plastics rubber shaving cream soap tires toothpaste

### Internal Organs/Blood

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

## Hide (Hair & Skin)

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

