

**Beneath this soft and warm exterior,
there lies a heart of plastic.**



So far, it's only a valve. Eight-year-old Janet Hernandez has one.

It may not be long before a whole working heart will be made out of plastic.

Men in plastics research at Union Carbide are working on the almost impossible job of designing plastics compatible with the body.

Their most crucial job is making an ultra-thin polypropylene fabric for lining the inside of the heart. A fabric coated with parylene that will allow human tissue to grow into and around it to keep blood from clotting.

A plastic heart isn't the only part of the body we're working on. Maybe someday there will be a little plastic in all of us.

Right now, we've got you surrounded

by our plastics. We were in plastics before most people knew the word. We make more plastics than anyone else. We haven't scratched the surface yet.

Why is a great big company like Union Carbide so concerned about a little bit of plastic for the body?

Because.

Beneath our corporate exterior, there beats a heart.



THE DISCOVERY COMPANY