

Dow's products and technology are all around—driving improvement in agriculture and water treatment, to better building products for our homes and leading edge electronic technologies. Through "Discover Dow" we hope you will learn more about the way Dow touches and enhances lives throughout the world.

# Discover DOW

## FUN at the Ballpark

Dow Diamond isn't just home to the Great Lakes Loons — a Minor League Baseball team in Midland, Mich. — it also boasts one of the city's most popular playgrounds with both kids and parents! Parents love it because they can relax and watch a ballgame knowing that — thanks to **VORAMER™** — the playground's surface was designed specifically to help protect their children from serious injuries.

## Dow Helps Make Safe Grounds for Playgrounds

**T**he bright colors and winding designs of playgrounds remind us of our kids playing and may even bring us back to the days of our youth — however long ago that was! Remember the carefree feeling of the wind against your face as you zipped down the slide or the sinking feeling in your stomach as you freefell on a swing...

While fun and exciting, those carefree feelings can often lead to carelessness — exactly why designers strive to make playground equipment and the environment as safe and reliable as possible. Until recently, developers had few attractive options for playground surfaces. Most used sand, wood chips or even concrete. But wood chips can often cause painful splinters and abrasions, while concrete can lead to even more severe injuries. And sand can be just as hard as the earth underneath it.

To create a softer, safer playing surface, many builders are turning to Dow's **VORAMER™** polyurethane binder technology. **VORAMER™** is a polyurethane binder used with layers of recycled rubber tires and EPDM (Ethylene Propylene Diene Monomer) rubber to help improve the rubber's natural ability to absorb impacts — resulting in fewer bumps and bruises on the playground.

Not only does **VORAMER™** help make playgrounds safer, it also takes up to 30 percent less time to install. What's more, **VORAMER™**-based solutions maintain their ability to gently absorb children's falls, slips and spills regardless of most temperature and humidity levels. Meaning children and their parents don't need to sacrifice safety for fun — whether it's climbing monkey bars on an autumn afternoon in Russia or a balmy summer morning in southern California!

