

# Main Products

## Flat panel displays

- **NOTIO™**  
(Polyolefin Elastomer  
Designed by controlled  
crystal structure on a nano  
scale)
- **Functional dyes**
- **PRIME POLYPRO™**

## Digital cameras

- **PLAPACS™**  
(plastic packages for image  
sensors)

## CDs and DVDs

- **Bisphenol A**  
(raw material for highly  
transparent polycarbonate resin)

## HDD suspensions

- **NEOFLEX™**  
(All polyimide flexible cop-  
per clad laminates)

## DVD drives

- **APEL™**  
(resin used in pickup lenses)

## Disposable diapers

- **SYNTEX™**  
(nonwoven fabrics for soft  
diapers)
- **ESPOIR™**  
(liquid impermeable and  
water vapor permeable  
microporous film)

## Drug

- **Taurine**

## PET bottles

- **Mitsui PET**
- **PRIME POLYPRO™**

## Personal computers

- **LC-STRUCTBOND™**  
(liquid crystal sealant)
- **ICROS TAPE™**  
(protective tape used when  
grind a backside of semi-  
conductor/wafer)
- **Mitsui MP**  
(dust-proof membrane  
applied on photo mask)
- **OPULENT™**  
(release film for the process  
of manufacturing flexible  
circuit boards)
- **ARLEN™**  
(heat-resistant resin suit-  
able for use with lead-free  
solder)
- **Nitrogen trifluoride**  
(cleaning agent for semi-  
conductor and liquid crys-  
tal production equipment)
- **Monosilane**  
(raw material for silicon  
membranes)
- **Bisphenol A**  
(raw material for poly-  
carbonate resin of high  
impact resistance and  
weather resistance)

## Mobile phones

- **NEOFLEX™**  
(flexible printed-circuit board  
materials)
- **PLAPACS™**  
(pre-mold plastic package for  
image sensors that excels in  
humidity resistance and dimen-  
sional accuracy)
- **APEL™**  
(materials for compact and  
highly precise camera lens)
- **OPULENT™**  
(release film for printed circuit  
board)

## Lithium battery

- **MiReT™**

## Printers

- **Mitsui EPT**  
(used in printer paper  
feeder/discharger rolls)
- **Hi-WAX**  
(toner additive)
- **FTR™**  
(toner additive)
- **ALMATEX™**  
(toner binder resin)
- **Takenate™**  
(Casting prepolymer)
- **Hipren™**  
(Casting prepolymer)
- **AURUM™**  
(thermoplastic polyimide)

## Newspaper and corrugated cardboard

- **Acrylamide**  
(raw material for paper rein-  
forcing agent)
- **BONRON™**  
(paper processing resin)

## Sneakers

- **TAFMER™**  
(midsoles)

## Insulator for refrigerators

- **Cosmonate™**  
(TDI)
- **Actcol™**  
(PPG)

## Tea bags

- **SWP™**  
(heat-seal type tea bags)

## Polyester fibers

- **Purified terephthalic acid**
- **Ethylene glycol**  
(polyester fiber feedstock)

## Detergent and food packages

- **HI-ZEX™**
- **ULTZEX™**
- **EVOLVE™**
- **PRIME POLYPRO™**
- **MIRASON™**

## Termicide

- **Mikeblock™**
- **Vermitol™**
- **Lenatop™**

## Food packages

- **ADMER™**  
(adhesive for resins of differ-  
ent properties)
- **CHEMPEARL™**  
(adhesive for resins of differ-  
ent properties)
- **TPX™**  
(methylpentenecopolymer)
- **Mitsui HI-WRAP**
- **Takenate™**  
(Main components for packing  
adhesives)
- **Takelac™**  
(Main components for Packing  
adhesives)

## Gas pipes

- **Mitsui PE gas pipe system**  
(pipes and fittings)

## Pipes and fittings for cold/hot water

- **ELMEX™**

## Instrument panels

- **MILASTOMER™**
- **Cosmonate™**  
(TDI)
- **Actcol™**  
(PPG)
- **PRIME POLYPRO™**
- **TAFMER™**

## Cushions

- **Cosmonate™**  
(TDI)
- **Actcol™**  
(PPG)
- **TAFNEL™**  
(spunbonded nonwoven polypro-  
pylene matting)

## Rear monitoring cameras

- **PLAPACS™**  
(plastic package for image  
sensors)

## Gasoline tanks

- **HI-ZEX™**
- **ADMER™**

## Clear coat paint

- **ALMATEX™**

## NOx reducing additive agent diesel-powered vehicles

- **AdBlue™**  
(high-quality aqueous urea)

## Glass run channel

- **LUBMER™**

## Gear oil/ engine oil additive

- **LUCANT™**

## Hoses

- **Mitsui EPT**

## Antifreeze

- **Ethylene glycol**

## Resin for headlamp lenses

- **Bisphenol A**  
(raw material for polycarbonate  
resin of high transparency and  
impact resistance)

## Battery separator

- **HI-ZEX MILLION™**  
(ultrahigh molecularweight poly-  
ethylene)

## Bumpers

- **PRIME POLYPRO™**
- **TAFMER™**  
(material modified with impact-  
resistant resin)
- **UNISTOLE™**  
(primer for painting resin)

## Mud guard

- **MILASTOMER™**

## Tire adhesive

- **Resorcinol**

\* AdBlue is trademark of Verband der Automobilindustrie.



**Raw material for transparent resin for windows**

■ **Bisphenol A**  
(raw material for polycarbonate resin of high transparency, weather resistance and impact resistance)

**Electric wire sheathing**

■ **HI-ZEX™**  
■ **EVOLUE™**

**Fertilizer**

■ **Urea**

**Hybrid rice seeds**

■ **Mitsuhikari™**  
2003, 2005

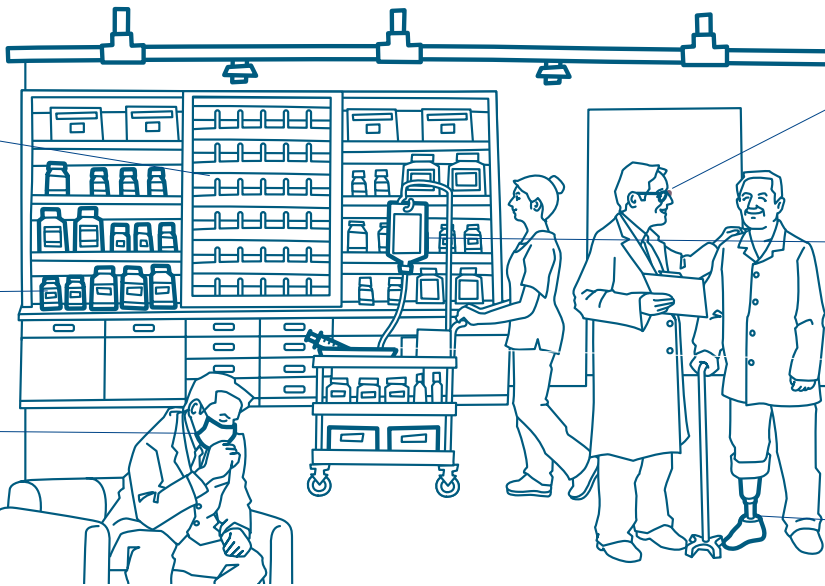
**Agrochemicals**

- **Trebon™**
- **Starkle™**
- **Albarin™**
- **Koromite™**
- **Milebeknock™**  
(dinotefuran) termiticide
- **Tachigaren™**
- **Nebijin™ Products**  
(flusulfamide) Ingredients fungicide Soil fungicide
- **Chloropicrin**  
Agricultural soil fumigant



**Solar cells**

- **SOLAREVA™**  
(photo voltaic solar module encapsulating sheets)
- **Monosilane**  
(raw material for silicon membranes)
- **Takecate™**  
(Urethane adhesives for back-sheet)
- **Takeclac™**



**Drug packages**

- **APEL™**
- **BAREX™**
- **UNISTOLE™**

**Disinfectants**

- **Meta/para-cresol**

**Masks**

- **SINTEX™**
- **TECHNOROTE™**

**Glasses**

- **MR series**  
(materials for high refractive-index plastic lenses)

**Infusion bags**

- **ULTZEX™**
- **PRIME POLYPRO™**

**Medical instruments**

- **PGA pellet**  
(Bioabsorbable medical material)
- **Dental Materials**

**Prosthetic limb**

- **HI-ZEX MILLION™**  
(ultrahigh molecularweight polyethylene)

The Mitsui Chemicals Group divides its business activities into three segments, offering society a variety of products used in both consumable and durable goods, spanning a broad range of fields, from automobiles, electronics and IT to medical, health-related, agricultural, housing, construction and household products.

**Performance Materials**

Materials with unique functions from Mitsui Chemicals' original catalyst and polymer technology

**Advanced Chemicals**

Performance products from Mitsui Chemicals' organic chemistry and bio-chemistry

**Basic Chemicals**

A variety of raw materials useful in our daily lives, processed through chemical technologies from petroleum and natural gas