

\* Mitsui Chemicals' materials come alive in the end-use products shown.

# Housing·Construction Materials

- Petrochemicals
- Basic Chemicals
- Functional Polymeric Materials
- Functional Chemical & Engineered Materials

## Materials for tempered glasses Sound proofing materials

- bisphenol-A
- phenol

## Traffic paints

- Hi-rez (aliphatic hydrocarbon resin)

## Reinforcement for construction

- Preglon (long fiber GF/PP sheet)

## Water proof flooring

- Urethane

## Wire coating

- HI-ZEX (high density polyethylene)
- EVOLUE (metallocene linear low density polyethylene)

## Hot water supply pipes

- HI-ZEX (high density polyethylene)
- BEAULON (polybuten-1)

## Roof

- SWP (polyolefin synthetic pulp)

## Adhesives for construction

- bisphenol-A
- phenol

## Varnish

- Meta/para-cresol

## Insulator

- Urethane

## Adhesives for industrial uses

- STRUCTBOND
- Urethane

## Coatings for construction

- ALMATEX (acrylic and polyester resins for coating)

## <Others>

- Etofenprox (insecticide)

## Materials for ground

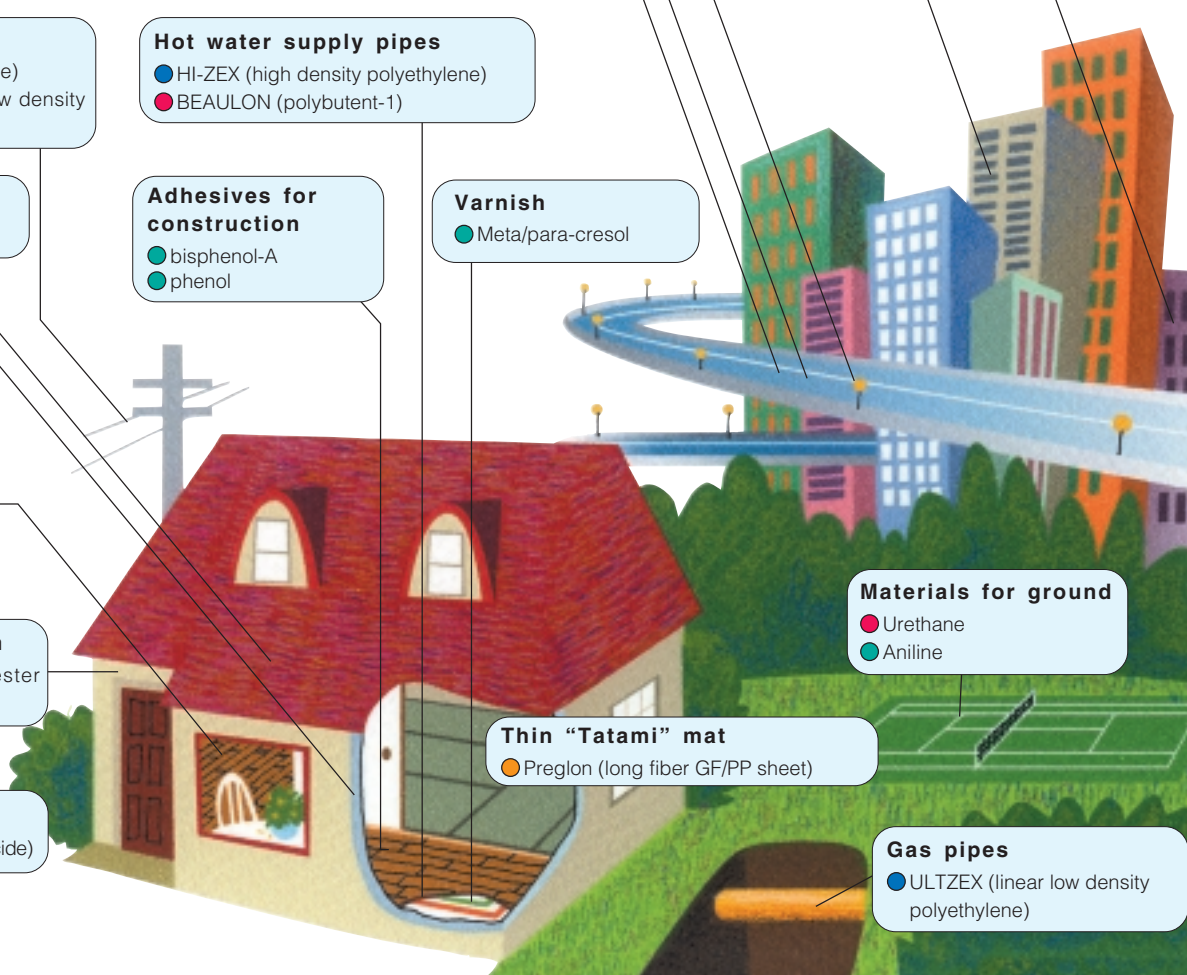
- Urethane
- Aniline

## Thin "Tatami" mat

- Preglon (long fiber GF/PP sheet)

## Gas pipes

- ULTZEX (linear low density polyethylene)



# Medical-Healthcare

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**Bags for clinical nutrition**  
 ● ULTZEX (linear low density polyethylene)  
 ● Mitsui POLYPRO

**Optical plastic lens**  
 ● MR Series (high-index plastic lenses)

**Medicine packaging**  
 ● Mitsui POLYPRO  
 ● APEL (cycloolefin copolymer)  
 ● BAREX (polyacrylonitrile)

**Syringe**  
 ● Mitsui POLYPRO

**Disinfectant**  
 ● Meta/para-cresol

**<Others>**  
**Blood collection tube**  
 ● Mitsui PET (PET resin)  
**Sterilizer**  
 ● ethylene oxide  
**Cosmetic container**  
 ● LACEA (biodegradable plastics)  
**Pharmaceuticals**  
 ● MIFU (anticancer agent)  
 ● amino acid  
**Medical devices**  
 ● DEGRIX (bioabsorbable surgical sutures)  
 ● materials for dentistry  
**Materials for mask**  
 ● SYNTEX (spunbonded nonwoven polypropylene fabric)  
 ● TECHNOLOTE

**Healthcare beverage**  
 ● Taurine  
 ● ethanolamine



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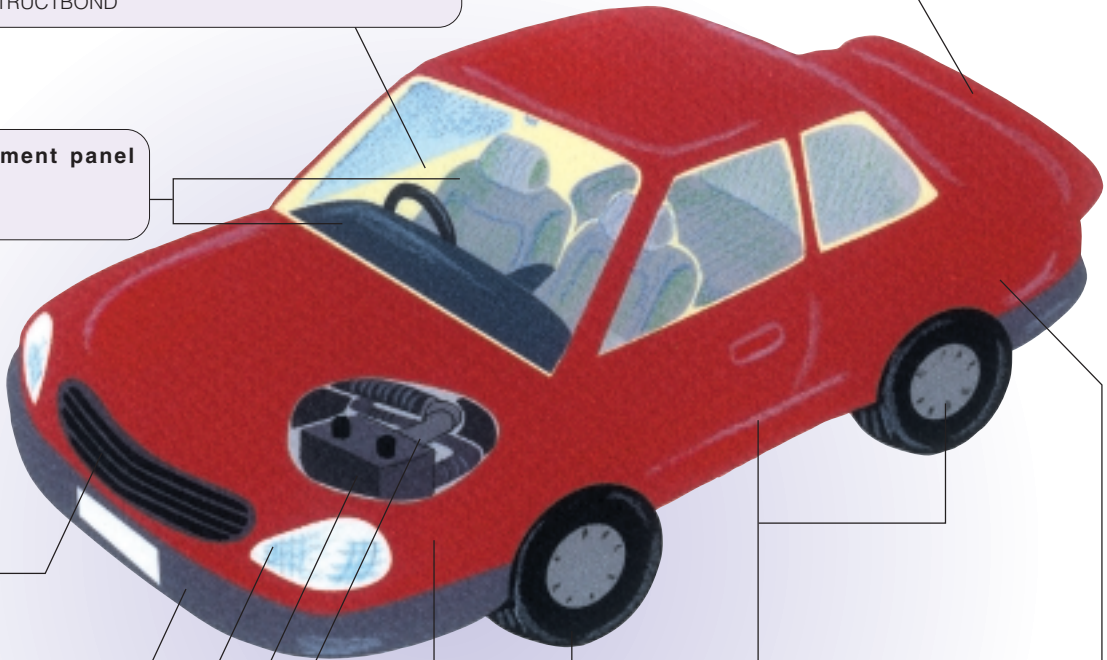
# Automobile

- Petrochemicals
- Basic Chemicals
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**Synthetic leather for Interior uses**  
 ● MILASTOMER (thermoplastic olefinic elastomer)  
**Adhesives for interior uses**  
 ● STRUCTBOND

**Spoiler**  
 ● Mitsui POLYPRO  
 ● bisphenol-A  
 ● phenol

**Cushion, instrument panel**  
 ● urethane  
 ● aniline



**Antifreezes**  
 ● ethylene glycol

**Bumper**  
 ● Mitsui POLYPRO  
 ● TAFMER (alpha-olefin copolymer)  
 ● UNISTOLE (polyolefinic primer/adhesives)

**Resins for head lamp lens**  
 ● bisphenol-A  
 ● phenol

**Coating resins**  
 ● ALMATEX

**Binder resins for break  
 Binder resins for shell mold**  
 ● phenol

**Tire adhesives**  
 ● Resorcinol

**Gasoline tank**  
 ● HI-ZEX (high density polyethylene)  
 ● ADMER (adhesive polyolefin)

**Hoses**  
 ● Mitsui EPT (ethylene-propylene diene terpolymer)

**Battery separator**  
 ● HI-ZEX (high density polyethylene)

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# Electronics-Information Materials

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# Agriculture·Fisheries

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**Agrochemicals**

- TREBON
- STARKLE
- NEBIJIN
- Chloropicrin (soil fumigant)
- Aniverse (Acaricide)

**Fishing net (yarns)**

- HI-ZEX (high density polyethylene)

**Palette**

- Mitsui POLYPRO

**Greenhouse**

- films for agricultural uses

**Hybrid rice seeds**

- MH2003, MH2005

**Pots for seedlings**

- LACEA (biodegradable plastics)



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# Daily Life

- Petrochemicals
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## Detergents

- ethylene oxide
- ethanolamine
- polyethylene glycol

## Detergent containers, food lamination items

- HI-ZEX (high density polyethylene)
- ULTZEX (linear low density polyethylene)
- EVOLUE (metallocene linear low density polyethylene)
- Mitsui POLYPRO

## Air conditioner filter

- SYNTEX EL (nonwoven electret filter)

## Insulator for refrigerator

- Urethane

## Composting

- LACEA (biodegradable plastic)

## Ethylene oxide (detergent)

- EVOLUE (polyethylene container)

## Beverage container

- Mitsui PET
- purified terephthalic acid
- ethylene glycol
- Mitsui POLYPRO

## Polyester fiber

- purified terephthalic acid
- ethylene glycol

## Newspaper, cardboard

- Acrylamide
- HOPELON (improving resins for paper)
- BONRON (paper resins)

## Laminate film for food

- TAFMER (alpha-olefin copolymer)
- ADMER (adhesive polyolefin)
- CHEMIPEARL (heat sealants)

## Plastic bag for shopper

- HI-ZEX

- Urethane

## <Others>

### Food container

- TPX (methylpentene copolymer)
- BAREX (polyacrylonitrile)
- APEL (cycloolefin copolymer)

### Food packaging film

- TPX (methylpentene copolymer)

### Drainage treatment

- Acrylamide

### Insecticide for domestic use

- Etofenprox

## Tea packaging

- SWP (polyolefin synthetic pulp)

## Toys

- bisphenol-A (polymer resin)
- hydroquinone (dyestuffs and pigments)

## Hygiene materials

- SYNTEX (nonwoven fiber for diaper)
- ESPOIR (breathable film)

## Stationaries

- LACEA (biodegradable plastic)

