

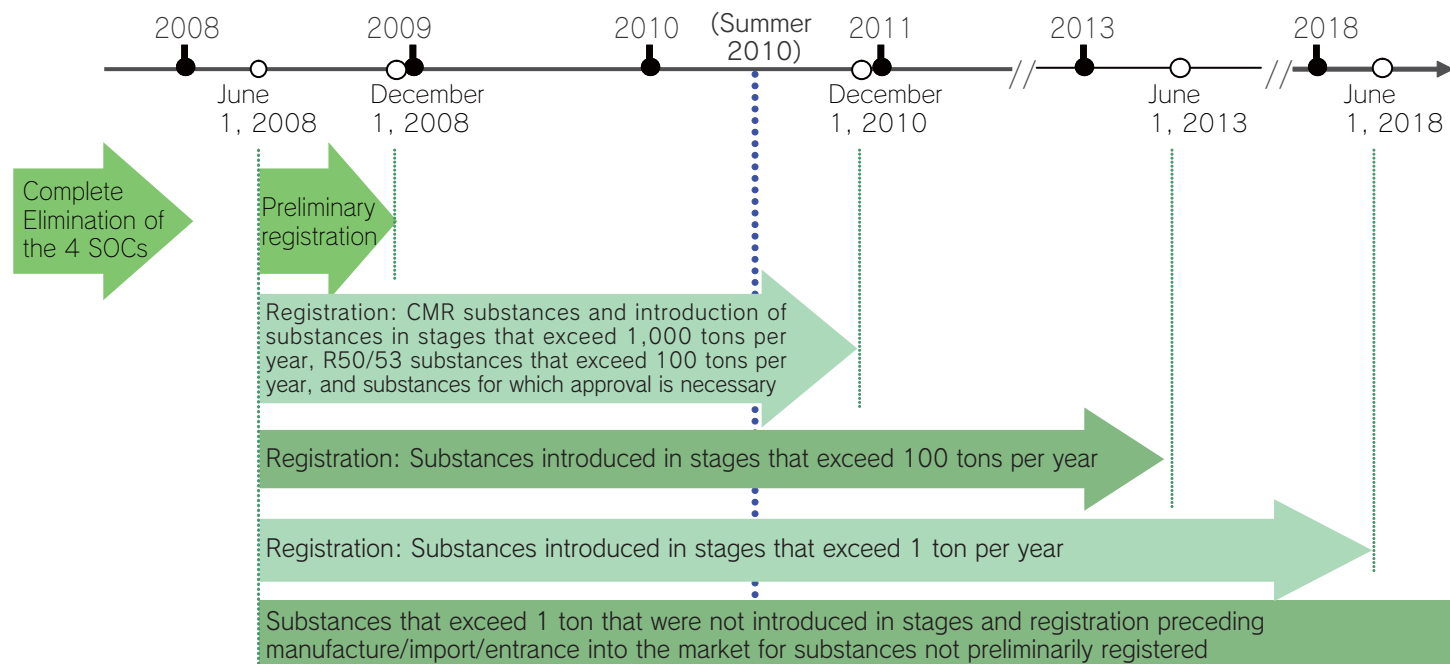
Substances of Concern

Further Promotion to Reduce SOCs

Addressing New European Chemical Substance Regulation "REACH"

Toyota Auto Body has completely eliminated the 4 SOCs (lead, mercury, cadmium, hexavalent chromium). For other than the four SOCs, our vehicle manufacturing is progressing with little environmental burden and by promoting substitute substances. We are also progressing with assay surveys of parts that we perform concurrently with public announcements of REACH regulations for chemical substances that influence health and the environment.

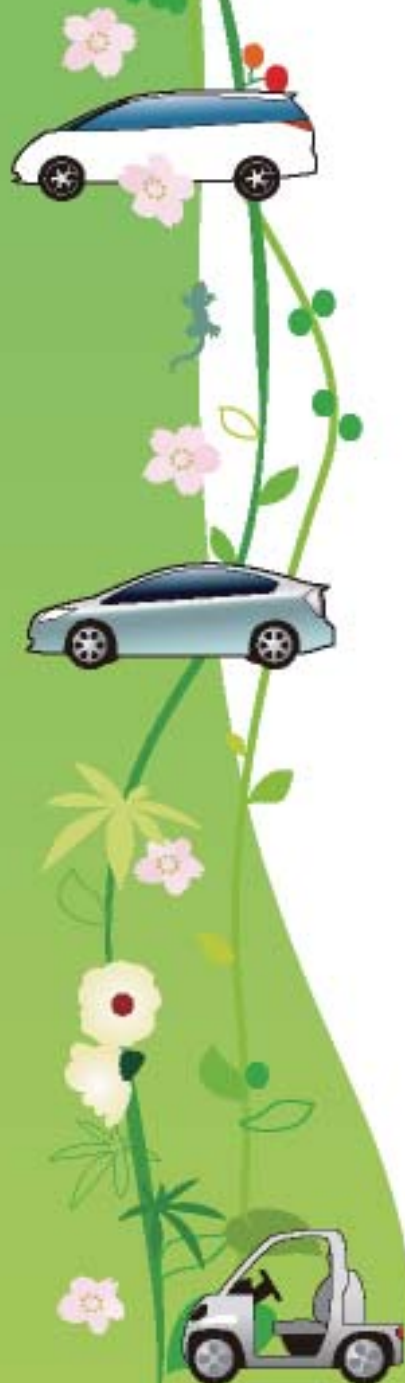
REACH* Regulation Schedule



Reference: Guideline concerning the Japan Automobile Manufacturers Association Translation of REACH

※ REACH : Registration Evaluation Authorization and Restriction of Chemicals
 These regulations aim to clarify industry's responsibility for chemical substance management and minimize impact of chemical substances on people and the environment.

 ["New European Chemical Substance Regulations 'REACH' outline and explanation of terms"](#)



Substances of Concern

■ Reducing VOC* Emissions Volume

One cause of photochemical oxidant is considered to be linked to VOCs.

Our FY2009 VOC emissions volume reduction activities have produced results that include promoting the use of “High throwing power cationic electrodeposition paint” (Fujimatsu, Inabe Plants) and expanding recovery of cleaning solvents after painting (Inabe Plant).

* VOC : Volatile Organic Compounds

■ Reducing Emissions Volume of Substances Subject to PRTR

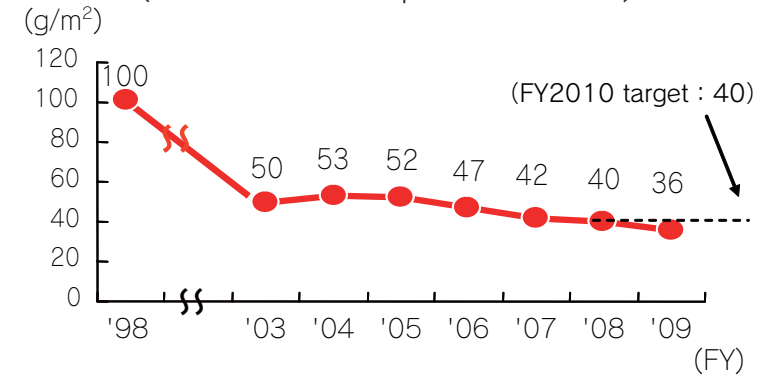
Substances subject to PRTR released into the atmosphere are mostly toluene and xylene that are found in paint and cleaning solvents used in painting processes.

In FY2009, in progressing with the recovery ratio improved according to plan, we achieved results in reducing the volume of cleaning solvents used by re-examining the frequency of cleaning by the number of times it is used when painting the same color.

* PRTR : Pollutant Release and Transfer Register

● VOC emissions volume per painted body area

[FY2010 target: Less than 40 g/m²]
(60% decrease compared to FY1998)



● Substances subject to PRTR emission volume (Atmospheric emissions)

[FY2010 target: Less than 1,100 tons]
(60% decrease compared to FY1998)

