Siemens PLM Software

Environmental Compliance
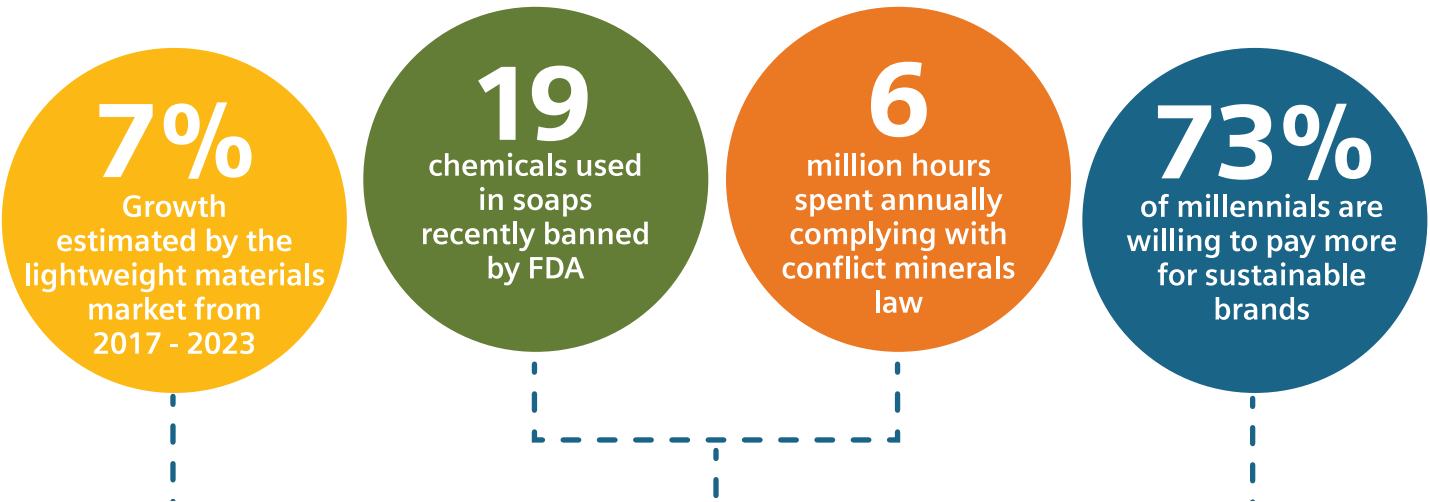
Regulatory requirements continue to evolve and are coming in at a fast pace.

Many consumers today demand green, innovative products.

To be compliant and meet consumer demands, manufacturers must know the composition of their products, including materials used in supplied components.

7%
Growth estimated by the lightweight materials market from 2017 - 2023

19
chemicals used in soaps recently banned by FDA

6
million hours spent annually complying with conflict minerals law

73%
of millennials are willing to pay more for sustainable brands

Go green and stay competitive with Teamcenter Substance Compliance

Integrated Material Management

Track and manage materials down to the substance level to enable innovative, green product design

- Environmental Compliance
- Formulation Management
- Material Testing
- Composite Management
- Additive Manufacturing

Automotive industry lightweighting strategies are reaping record sales

Supplier Declaration Automation

Streamline and automate the supplier material disclosure process to reduce risk of noncompliance

Compliance

Request declaration → Suppliers complete request → Suppliers submit declaration → Compliance Officer reviews declaration(s) → Material data aggregated into BOM

Compliance Grading and Reporting

Grade for environmental and social compliance early and throughout the product lifecycle to reduce costs and stay compliant

- ✓ RoHS
- ✓ REACH
- ✓ Conflict Minerals

Product Sustainability

Increase positive brand recognition and meet product stewardship goals with a framework to address eco-design initiatives

The world's top 100 sustainable companies show a 24% higher stock return than other companies

> "Using Teamcenter for our product sustainability framework, we can reduce the presence of hazardous substances used in our products, increase supply chain transparency, and address our Ecodesign objectives."
>
> **-John Hunter,** Caterpillar
> *Engineering Manager for Chemical Management*

With Teamcenter Substance Compliance, you can appeal to consumers by going green, and stay competitive with innovative, compliant products.

SIEMENS
Ingenuity for life