

# SCIP Database

Are you an EU importer, EU producer, EU distributor, or EU assembler?

Do your products contain substances of very high concern (SVHCs) on the candidate list in a concentration above 0.1% weight by weight (w/w)?

If yes, under the Waste Framework Directive (WFD), you have an obligation to report information on these products to the ECHA through their new "SCIP Database."



## WASTE FRAMEWORK DIRECTIVE

The WFD is a European Union directive enacted June 7, 2008. The goal of the WFD is to turn the EU into a recycling society.

An amendment to the original Waste Framework Directive of 2008 was enacted in July of 2018 and is known as Directive (EU) 2018/851. The main amendment included a new **Article 9** on waste

prevention objectives/measures, including a new ECHA database.

The new ECHA database (known as SCIP) will enforce strong supply chain communication foreseen under REACH. Companies must communicate and report across their entire supply chain any candidate-list substances within their articles.

## SCIP DATABASE

**SCIP:** Substances of Concern In articles, as such or in complex objects (Products)

Starting **Jan. 5, 2021**, companies must report:

- Information that allows the article to be identified
- The name, concentration range, and location of the SVHC in the article
- Possibly other information on the safe use of the article

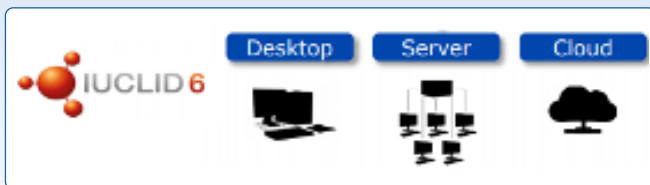
## SCIP ATTRIBUTES

Identification	Categorization	Characteristics	Safe Use Instruction	Complex Object	Concern Element
<p><b>Mandatory</b> Article Name Primary Article Identifier Type Identifier Value</p> <p><b>Optional</b> Other Name Other Article Identifier Type Identifier Value</p>	<p><b>Mandatory</b> Article Category</p> <p><b>Required</b> Production in EU</p>	<p><b>Optional</b> Characteristic Type: Height, Weight, Length, etc.</p> <p>Characteristic Value</p> <p>Unit of Measure</p>	<p><b>Required</b> If Applicable</p> <p><b>Optional</b> Disassembling Instructions</p> <p>Language</p>	<p><b>Mandatory</b> Link to Article</p> <p><b>Optional</b> Number of Units</p>	<p><b>Mandatory</b> Candidate List Material/Mixture Category</p> <p><b>Required</b> Concentration Range</p> <p><b>Optional</b> Additional Material Category</p>

## ECHA SCIP REPORTING TOOLS

### • Data preparation in IUCLID

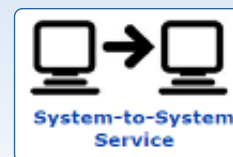
- Preparing your notifications online (Cloud Online IUCLID)
- Downloaded Offline IUCLID (Server & Desktop)



### • Data submission in the ECHA Submission portal



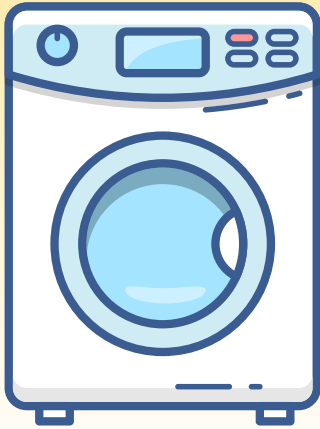
### • System-to-system submission of data





## EXAMPLE FOR MANDATORY/REQUIRED SCIP ATTRIBUTES

### Main Product/Complex Object



#### Article Identification

- Article Name
- Primary Article Identifier
- Primary Article Identifier Value

#### Categorization

- Article Category "TARIC Code"
- Production in EU

#### Safe Use Instruction

- If Applicable

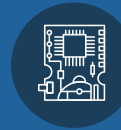
#### Complex Object Component

- Link to Article



#### Complex Object

- Article Identification
- Categorization
- Safe Use Instruction
- Complex Object Component



#### Complex Object

- Article Identification
- Categorization
- Safe Use Instruction
- Complex Object Component



#### Article as Such

- Article Identification
- Categorization
- Safe Use Instruction
- Concern Element
  - Candidate List Entry
  - Concentration Range
  - Material Category/  
Mixture Category



#### Article as Such

- Article Identification
- Categorization
- Safe Use Instruction
- Concern Element
  - Candidate List Entry
  - Concentration Range
  - Material Category/  
Mixture Category





## SCIP ENFORCEMENT PENALTIES FOR NON-COMPLIANCE

Enforcement is the responsibility of each member state. More detailed information on enforcement in the coming years will be announced soon.

Non-compliance is thought to most likely follow other European Union chemical regulations such as EU REACH and RoHS. Those penalties include but are not limited to fees, market loss, product reformulation, and product recalls.

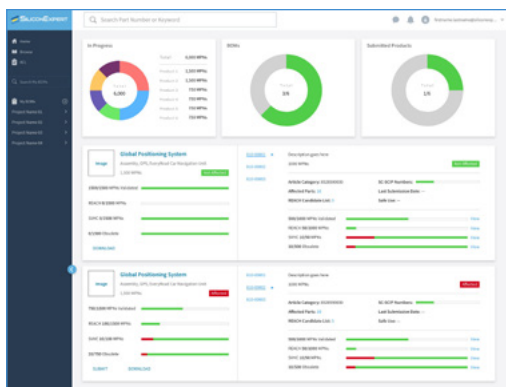
## SILICONEXPERT COMPLIANCE SOLUTIONS MAKE THE PROCESS EASIER

SiliconExpert is honored to have been one of the SCIP IT user group contributing members helping to ensure responsible reporting of SVHCs.

### We have expertise in:

- **Data collection for SVHCs reported in articles and other required features**
- **Dossier creation in IUCLID-acceptable formats and submission through *system-to-system* transfer to the ECHA Submission portal**
- **Validation and quality preparation for submission**
- **SCIP dashboard for complex articles:**

The SiliconExpert SCIP dashboard is a web platform, specifically designed for the project management, tracking, reporting, and dossier submission of assemblies and sub-assemblies. Each user can navigate through and report on several levels of granularity, maintaining the original structure of your BOMs.



Article ID	Article Name	Article Category	Article Status	Article Date	Article Type	Article Value	Article Type	Article Value
1	Global Positioning System	Consumer Device	Affected	June 27, 2020	Consumer Device	12,000,000	Yes	12,000,000
2	Global Positioning System	Consumer Device	Affected	June 27, 2020	Consumer Device	12,000,000	No	12,000,000
3	Global Positioning System	Consumer Device	Affected	June 27, 2020	Consumer Device	12,000,000	No	12,000,000
4	Global Positioning System	Consumer Device	Affected	June 27, 2020	Consumer Device	12,000,000	Yes	12,000,000
5	Global Positioning System	Consumer Device	Affected	June 27, 2020	Consumer Device	12,000,000	No	12,000,000
6	Global Positioning System	Consumer Device	Affected	June 27, 2020	Consumer Device	12,000,000	No	12,000,000

- SiliconExpert has an automated template used for data exchange that allows customers to practice the necessary data collection for dossier submissions to the ECHA SCIP database.

Level	CPN	SPN	SPN Description	MAN	Is SVHC?	Article Name	Primary Article Identifier Type	Primary Article Identifier Value	Article Date
0		16441-720	Carbon/graphite	16441-720	Yes	Carbon-graphite	16441-720	16441-720	2017-08-01
1									