

# Digital Product Passport Product Composition

## Metadata

### IRI

<http://w3id.org/dppo/ontology/dpp-comp/>

### Title

Digital Product Passport Product Composition

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2023-11-27

### License

<https://github.com/LiUSemWeb/DPP/blob/master/LICENSE>

### Version Iri

<http://w3id.org/dppo/ontology/dpp-comp/0.1/>

### Version Info

0.1

### Preferred Namespace Prefix

dpp-comp

### Preferred Namespace Uri

<http://w3id.org/dppo/ontology/dpp-comp/>

### Description

This is an ontology module focusing on the composition information of products.

## Classes

Substance findering recycling <sup>C</sup>	
IRI	<a href="http://w3id.org/dppo/ontology/dpp-comp/SubstanceHinderingRecycling">http://w3id.org/dppo/ontology/dpp-comp/SubstanceHinderingRecycling</a>
Description	A substance that hinders recycling of a product.
Sub Class Of	<a href="#">Substance of Concern<sup>C</sup></a>

## Substance of Concern<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/dppo/ontology/dpp-comp/SubstanceOfConcern">http://w3id.org/dppo/ontology/dpp-comp/SubstanceOfConcern</a>
<b>Description</b>	Substance of concern as defined in the ESPR, meaning it is a substance that is either toxic or something that hinders recycling of the product.
<b>Sub Class Of</b>	<a href="http://w3id.org/dppo/ontology/dpp-core/Substance">http://w3id.org/dppo/ontology/dpp-core/Substance</a>
<b>Super Class Of</b>	<a href="#">Substance finding recycling<sup>c</sup></a> <a href="#">Toxic substance<sup>c</sup></a>

## Toxic substance<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/dppo/ontology/dpp-comp/ToxicSubstance">http://w3id.org/dppo/ontology/dpp-comp/ToxicSubstance</a>
<b>Description</b>	A toxic substance.
<b>Sub Class Of</b>	<a href="#">Substance of Concern<sup>c</sup></a>

## Composition Information<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/dppo/ontology/dpp-info/0.1/CompositionInformation">http://w3id.org/dppo/ontology/dpp-info/0.1/CompositionInformation</a>
<b>In Domain Of</b>	<a href="#">about part<sup>op</sup></a> <a href="#">about whole<sup>op</sup></a>

## Object Properties

### about part<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/dppo/ontology/dpp-comp/aboutPart">http://w3id.org/dppo/ontology/dpp-comp/aboutPart</a>
<b>Description</b>	Relation between the piece of information representing the composition, and the part involved in the relation.
<b>Sub Property Of</b>	<a href="#">dpp-info:isAbout<sup>op</sup></a>
<b>Domain</b>	<a href="#">dpp-info:CompositionInformation<sup>c</sup></a>
<b>Range</b>	<a href="http://w3id.org/dppo/ontology/dpp-odp/Product">http://w3id.org/dppo/ontology/dpp-odp/Product</a>

## about whole<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/dppo/ontology/dpp-comp/aboutWhole">http://w3id.org/dppo/ontology/dpp-comp/aboutWhole</a>
<b>Description</b>	Relation between the piece of information representing the composition, and the whole involved in the relation.
<b>Sub Property Of</b>	<a href="#">dpp-info:isAbout<sup>op</sup></a>
<b>Domain</b>	<a href="#">dpp-info:CompositionInformation<sup>c</sup></a>
<b>Range</b>	<a href="http://w3id.org/dppo/ontology/dpp-odp/Product">http://w3id.org/dppo/ontology/dpp-odp/Product</a>

## has composition information<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/dppo/ontology/dpp-info/0.1/hasCompositionInformation">http://w3id.org/dppo/ontology/dpp-info/0.1/hasCompositionInformation</a>
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## is about<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/dppo/ontology/dpp-info/0.1/isAbout">http://w3id.org/dppo/ontology/dpp-info/0.1/isAbout</a>
<b>Super Property Of</b>	<ul style="list-style-type: none"><li><a href="#">about part<sup>op</sup></a></li><li><a href="#">about whole<sup>op</sup></a></li></ul>

## Namespaces

:

<http://w3id.org/dppo/ontology/dpp-comp/>

**dcterms**

<http://purl.org/dc/terms/>

**dpp-core**

<http://w3id.org/dppo/ontology/dpp-core/0.1/>

**dpp-info**

<http://w3id.org/dppo/ontology/dpp-info/0.1/>

**owl**

<http://www.w3.org/2002/07/owl#>

**prov**

<http://www.w3.org/ns/prov#>

**rdf**

<http://www.w3.org/1999/02/22-rdf-syntax-ns#>

**rdfs**

<http://www.w3.org/2000/01/rdf-schema#>

**vann**

## Legend

c

op

Classes

Object Properties