CDX- Interface (Supplier Side)

Description

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1 Introduction

The CDX interface supplier side is used to request and consume material datasheet information from suppliers. The package contains the following functionalities:

- Supplier Center to receive and take over material datasheets
- Request / Responds process to collect information
- Master data to setup the EHSM system
2 Supplier Center

2.1 Overview
The Supplier Center contains a list of received material datasheets (MDS). A datasheet can be assigned to multiple supplier parts (area: assigned specifications and materials). For every datasheet, different declaration categories are possible:

- Level one declaration (only compliance statement) with assigned document
- Partly full declaration in combination with compliance statements
- Full material declaration with basic materials and pure substances

For all declarations, attachments can be assigned and imported to EHSM. Further information of every single datasheet are supplier address information and receiver information like organization unit.

Figure 1 Schematic representation
The next figure presents the view of supplier center within EHSM.

**Figure 2 View of supplier center within EHSM**

### 2.2 Toolbar

The toolbar contains the major tasks to handle supplier data sheets like:

- Import Datasheet
- Accept MDS
- Reject MDS
- Save Assignment of supplier parts / own products

**Figure 3 Supplier Center - Toolbar**

### 2.3 Search Screen

Within the search screen the following search criteria will be supported:

- Receiver data like Part/Item/Material number which was entered from supplier within chapter receiver information (data from request will be used, if a supplier give an respond to an request)
- General data like HPCDX ID or update date
- Supplier data like number from supplier or name from supplier

![Search Supplier MDSs](image)

**Figure 4 Supplier MDS search screen**

Remark: Fields which are highlighted in blue font are optimized for search process.
3 Request / Responds

The request transaction is used to request material datasheets from supplier for one or more datasheets. Mandatory data are supplier and material number(s). Information like drawing number/date/change level can be entered to specify products in more detail.

It is possible to force supplier to enter a full material declaration.

![Request transaction](image)

By starting the request, a search screen is displayed to search for requests with several options:

![Request Center - Search screen](image)

In addition, a new request can be created by clicking on . Request number and status are stored within a request center.
### Requests Center

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**Figure 7 Request Center**
4 Integration in Compliance Workbench

An own CDX tab page is available to see request and MDS information. It is possible to create a new request for supplier part or go to supplier MDS. Major information like request ID, creation date are provided.

![Compliance Product Structure](image)

**Figure 8 Compliance Product Structure**

After importing the datasheet, the CDX ID is available, regardless if it is a full declaration or part of a family declaration.

![CDX Tab in Compliance Workbench](image)

**Figure 9 CDX Tab in Compliance Workbench**
5 Master data

To setup the system the following master data will be imported:

- Pure substances
- Substance groups
- Public basic materials
- CDX Organization data
List of Abbreviations

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
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<tbody>
<tr>
<td>MDS</td>
<td>Material Datasheet</td>
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<tr>
<td>EHSM</td>
<td>Environment Health and Safety Management</td>
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