



International Material Data System

15th December 2022

IMDS Model Office Next rollout planned for January 11, 2023

IMDS Production rollout planned for May 10, 2023

IMDS Release 14.0 Information

1. Structure Mix

With Release 13.2 the previously existing check message “*Different types of nodes (components, semi-components, materials) are used at the same level*” was amended by the addition of “*This is only allowed for non-article semi components or materials, which are added to a part or assembly without specific shape, surface or design. [...]*”

This change will be reverted with Release 14.0. Instead, there will be an option to define the purpose of any non-component reference on the same level as a component (e.g., coating or lubricant). If such a purpose has been defined for all non-components, the Warning message will not appear in the check.

IMDS-AI (Advanced Interface) relevance? Yes

The new field can be set via Upload and will be part of Downloads.

2. SC90 for filled/unfilled thermoplastics

The SC90 check for classifications 5.1.a (filled thermoplastics) and 5.1.b (unfilled thermoplastics) will be changed to check for at least 5% filler substances or less than 5% filler substances respectively.

Additionally, a new substance group will be introduced to group all substances which can be used as fillers in thermoplastic polymers but can also be used for other properties (e.g., pigments).



International Material Data System

Whenever a substance of this group is referenced in a material of classification 5.1.a (filled thermoplastics), a checkbox can be ticked to declare that this substance is used as a filler. If the checkbox is ticked, the check treats this substance as a filler and the portion of that substance counts to the 5% of fillers to satisfy the check mentioned above.

IMDS-AI (Advanced Interface) relevance? Yes

The new checkbox can be set via Upload and will be part of Downloads.

3. Extended contact information

Similar to MDSs, it will be possible to assign a contact person to newly created MDS Requests. This contact person will be shown in the MDS Request's details and in subscription emails. In case the contact person is deactivated later, the company's default contact will be shown instead in the same manner as for MDSs.

Additionally, the company's default contact will also be shown for rejected MDSs and MDS Requests in case the rejecting user did choose not to reveal their contact information. This does apply to the web application and subscription emails as well.

To ensure the default contact of a company is always set up correctly, company administrators will be asked to confirm or update their company's default contact every 90 days.

Finally, the dialog asking users who chose not to reveal their contact information to do so whenever they reject an MDS, will be updated. Checking the checkbox to not be reminded again will only prevent this message from appearing for one day instead of hiding it forever.

IMDS-AI (Advanced Interface) relevance? Yes

The new Contact person for MDSS Requests can be set via Upload and will be part of Downloads.

4. Revealing confidential declarable substances

Two weeks after each GADSL/SVHC update, all newly flagged substances will be revealed in all materials where they have been used and marked as "confidential". This process will be automatic and will require no further action by the user. No new versions



International Material Data System

of materials must be created or sent/proposed as the change will take effect in already released data. The revealed substances will become visible to the whole supply chain.

After a GADSL or SVHC update, a dialog will appear for each user the first time they log on. This dialog will list the substances that have been newly flagged. To successfully log in, the user has to confirm that in case they are a material manufacturer they will update all materials using jokers to hide one of the newly flagged substances and that they have understood that all instances of these substances which have been marked as “confidential” will be automatically revealed two weeks after the update.

Additionally, any difference in GADSL/SVHC content between a selected material and its latest released version will be made visible in the ingredients view of an MDS, even if that version has not yet been communicated through the whole supply chain yet.

IMDS-AI (Advanced Interface) relevance? Yes

Two new download files will be introduced to communicate which substances have been revealed in which materials and what the portion of the remaining confidential substances is.

5. Check for old MDSs

Own datasheets older than 10 years will show an error in the check and cannot be proposed or published anymore. A new updated version has to be created instead.

Own datasheets referencing own or accepted datasheets older than 10 years will show a corresponding Warning in the check.

Own datasheets referencing non-standard published MDSs older than 10 years will show an Error in the check. In this case a new version has to be created and the references have to be replaced by newer versions.

All these checks have no effect when sending/proposing an MDS marked as a Legacy Spare Part.

Material manufacturers can mark own old materials as “still valid” and thereby avoiding the check message for another five years.

IMDS-AI (Advanced Interface) relevance? Yes

The “still valid” flag can be set via Upload and will be part of Downloads.



International Material Data System

6. Chemical recycling and bio-based materials

Options to specify chemical recycling and portions of bio-based materials will be added to IMDS. This will include options to declare a certification to a certain standard (e.g. ISCC+) and mass-balanced content for bio-based and chemically recycled materials.

Recyclate and bio-based content will no longer be entered directly in the details of a selected material, but via a wizard dialog. This wizard will ask for relevant portions in a hierarchical manner.

Example: after specifying the portion or inorganic content within the material, the wizard will ask for the portion of recyclate thereof. Only if there is recyclate contained will the wizard ask for the portion of mechanical or chemical recycling within that portion. The respective portion of pre-consumer and post-consumer recyclate can only be entered once the content of mechanical or chemical recycling has been defined.

IMDS-AI (Advanced Interface) relevance? Yes

The new recyclate/bio-based information can set via Upload and will be part of Downloads.

Further IMDS-AI changes planned for IMDS Release 15.0 (no date defined yet)

Download Classes in IMDS-AI

Since the introduction of the IMDS Advanced Interface (IMDS-AI), different download classes have been developed, which differ from each other only in nuances.

DXC will switch all companies to the latest download class with IMDS Release 15.0. Old download classes will no longer be offered after IMDS Release 15.0 went productive.

The change in the in-house system is minimal and can be easily implemented with the release enhancements.

DXC will inform the affected companies and provide the necessary information.



International Material Data System

“Batch Client” Support

DXC will discontinue the support for older versions of the “Batch Client” starting with IMDS Release 15.0. After this Release, only the latest version will be supported.

Companies still using an older version should have updated the “Batch Client” by then. Further adjustments, e. g. in the in-house system, are not necessary.

For questions on these two topics, please contact mds-solutions@dx.com.