

Smarter technology for all

# Lenovo Guide to Full Material Disclosure

Global Environmental Affairs

Lenovo

# Lenovo Environmental Compliance Requirements

## ■ Access to Lenovo requirements

- <https://www.lenovo.com/us/en/sustainability-resources/>

## ■ Lenovo environmental specification

- 41A7731— [Baseline Environmental Requirements for Materials, Parts and Products, 41A7731](#)
- 41A7733— [RoHS/REACH Engineering Specification, 41A7733](#)

## ■ FMD with GDY

- Lenovo Guide to Full Material Disclosure (Version 3)

## ■ Supplier Self-Declaration

- [Lenovo Supplier Material Self-Declaration](#)

# GDx Guidance

## ■ Account Registration

- Register for a free account at <http://www.qpointtech.com/supplier-registration/>

## ■ Account Cancellation

- Cancel the account once it is not available
- Please use email to [info@qpointtech.com](mailto:info@qpointtech.com) to deactivate the account.

## ■ GDx Guide(English Version)

- [http://apps.qpointtech.com/redmine/projects/gdxhelp/wiki/Getting\\_Started](http://apps.qpointtech.com/redmine/projects/gdxhelp/wiki/Getting_Started)
  - ✓ [Creating a part in GDx](#)
  - ✓ [Declaring RoHS](#)
  - ✓ [Declaring REACH](#)
  - ✓ [SCIP](#)
  - ✓ [Entering Full Material Disclosure](#)
  - ✓ [Publishing a Part](#)

## ■ Help

- [gdx\\_support@qpointtech.com](mailto:gdx_support@qpointtech.com)

# GDX Guidance

## ■ GDX Guide(Chinese Version)

- [http://apps.qpointtech.com/redmine/projects/gdxhelp-mandarin/wiki/\\_%E5%85%A5%E9%97%A8](http://apps.qpointtech.com/redmine/projects/gdxhelp-mandarin/wiki/_%E5%85%A5%E9%97%A8)
  - ✓ [创建一个零件](#)
  - ✓ [RoHS和REACH 的申报](#)
  - ✓ [输入完整的材料披露信息](#)
  - ✓ [发布零件](#)

## ■ Help Manual with more detail

- [http://www.qpointtech.com/redmine/projects/gdxhelp/wiki/Help\\_Manual](http://www.qpointtech.com/redmine/projects/gdxhelp/wiki/Help_Manual)
  - [Creating a Conflict Minerals Declaration](#)
  - [Managing Information Requests](#)
  - [Sharing Data with Your Customers](#)
  - More Advanced Topics
    - [Managing Part Families](#)
    - [Importing Parts](#)
    - [Importing IPC 1752 Declarations](#)
    - [Sharing Control](#)
- [Frequently Asked Questions](#)

# GDX Guidance



- Please make sure the data is accurate.
- EU RoHS, REACH SVHC, Full Material Disclosure, and SCIP all need to be done.
- After complete above information, please 'Publish' the article to Lenovo.
- Please update GDX data timely for any changes.
- When updating part information, be sure to click 'Publish' to Lenovo.
- Please always select the latest version of RoHS & REACH SVHC.

# GDX Guidance

Material Name	Material Weight	Substances			
		Substance Name	Exemptions Taken	CAS #	Substance Weight

Name of homogeneous material. Do not use parts or subparts name

Weight of homogeneous material

Name of the Substance

Exemption item of EU RoHS

CAS number of the substance

Weight of substance

- Please write in English.
- Please fill in the complete materials and substance information in FMD.
- Please make sure the ratio of proprietary information less than 5% of the weight for the whole the article(part or product) your provided.
- Limited substances shall not be considered as confidential substances(proprietary).
- If there is no CAS number can be found in GDX , please contact with GDX support([gdx\\_support@qpointtech.com](mailto:gdx_support@qpointtech.com)) to add it.

# GDX Common Questions Sharing

- ❑ Please always select the latest SVHC version

Part Number	Description	OTS/BTS	FMD	RoHS	REACH SVHC	Conflict Minerals
[REDACTED]	[REDACTED]	Lenovo DCG	<a href="#">View</a>	✓	<div style="display: flex; align-items: center;"> <span style="color: green;">✓</span> <span style="margin-left: 10px; border: 1px solid red; border-radius: 50%; padding: 2px;">⚠</span> </div>	⚙
[REDACTED]	[REDACTED]	Lenovo	<a href="#">View</a>	✓	<div style="display: flex; align-items: center;"> <span style="color: red;">✗</span> <span style="margin-left: 10px; border: 1px solid red; border-radius: 50%; padding: 2px;">⚠</span> </div>	⚙

Out of date

- ❑ Please update lifecycle status timely

**LIFECYCLE**

Lifecycle Status ✗

End-of-Life Date

Last Time Buy Date

- ❑ FMD ratio assurance  $\geq 95\%$ , Please declare substances information as many as you can.

Material Name	Material Weight	Substances			
		Substance Name	Exemptions Taken	CAS #	Substance Weight
LABEL	37.0 mg	1 Solvent based silicone		proprietary	7 mg
		2 POLYESTER FILM		proprietary	22.2 mg
		3 Solvent based acrylics pressure sensitive adhesive		proprietary	7.4 mg
		4 Glassine Paper		proprietary	3.7 mg
Total weight of 4 substances					37.0 mg

✗

# GDX Common Questions Sharing

- ❑ Wrong Part Description, please use your company's own part number and part name to describe it.

Part Number	Description	Manufacturer	Manufacturer Part #	FMD	RoHS	REACH SVHC	Conflict Minerals
SM38C57429	SM38C57429	Electronics Co. Ltd.	KM2V8001CM	✓	✓	✓	?
SM38C59535	SM38C59535	Electronics Co. Ltd.	KM5V8001DM	✓	✓	✓	?

Part Number	Description	Manufacturer	Manufacturer Part #	FMD	RoHS	REACH SVHC	Conflict Minerals
SC98C76165	BR	Technology Co. Ltd.	FS22473BGN	✓	✓	✗	?

- ❑ FMD data accuracy, Please declare material and substance level information

RoHS ✓ REACH ✗

Linked to Mfr part PCJ010-EL1G by WUHAN POLYTECH INC. (part number SP50H29660)

Summary **Material Declaration** Manufacturing Conflict Minerals

Material Name	Material Weight	Substances			
		Substance Name	Exemptions Taken	CAS #	Substance Weight
PSU	600.0 g	1 PSU	7(a), 7(c)-I	proprietary	600.0 g
Weight of the substance					600.0 g

Substance Concentration Disclosure (SCD)



# GDX Common Questions Sharing

- ❑ FMD data accuracy, material name must be provided. Please do not mix different material as one.

592.01H10.0011		40	Iron		7439-89-6	1221166633 mg
		41	Copper oxide		1317-38-0	0.183531 mg
		42	Calcium		7440-70-2	0.003424 mg
		43	1H-Benzimidazole		51-17-2	1040.5 mg
		44	Arsenic		7440-38-2	0.0000072 mg
		45	Silicon		90337-93-2	0.2174245 mg
		46	Chlorine		7782-50-5	0.0019354 mg
		47	Corn, flour		68525-86-0	222.3 mg
		48	Iron phosphide		26508-33-8	0.0141552 mg
		49	Sodium hydroxide		1310-73-2	0.406 mg
		50	Lead	7(c)-I	7439-92-1	0.0453118 mg
		51	Ethenol, homopolymer		9002-89-5	48.45 mg
		52	Zinc oxide		1314-13-2	0.0019827 mg
		53	Titanium dioxide		13463-67-7	3.8740186 mg
		54	Manganese		7439-96-5	2.951744 mg
		55	Formaldehyde, polymer with 2-(chloromethyl)oxirane and 2-methylphenol		29690-82-2	9.82392 mg
		56	Palladium		7440-05-3	0.2559654 mg
		57	3-hydroxy-4-[(2-methyl-5-nitrophenyl)azo]-N-phenyl-naphthalene-2-carboxamide		6448-95-9	71.09382 mg
		58	Diantimony trioxide		1309-64-4	481.2206 mg
		59	Aluminum		7429-90-5	0.0044191 mg
		60	Silicon dioxide		7631-86-9	2407.179192 mg
		61	Boron nitride		10043-11-5	0.041808 mg
		62	1H,3H-Benzo[1,2-c:4,5-c']difuran-1,3,5,7-tetrone, polymer with 4,4'-oxybis[benzenamine]		25038-81-7	5.823 mg
		63	1,2,3,6-Tetrahydrophthalic anhydride		85-43-8	2.160312 mg
		64	Cellulose		9004-34-6	5545.7599 mg
		65	1,3,5-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione		2451-62-9	1039675 mg
		66	Boric acid		10043-35-3	0.203 mg
		67	Calcium oxide		1305-78-8	4482.66348 mg
		68	Barium titanium trioxide		12047-27-7	1802.50426 mg
		69	Gallium		7440-55-3	0.0588 mg
		70	Silene		7803-62-5	8.486818 mg
		71	2-[[2,2-Bis[(1-oxoallyl)oxy]methyl]butoxy]methyl]-2-ethyl-1,3-propanediyl diacrylate		94108-97-1	1.0 mg
		72	Polyethylene		9002-88-4	2726.0 mg
		73	4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane		25068-38-6	71148978 mg
		74				



# GDX Common Questions Sharing

For the update of SCIP details at an article level for complex object (product BOM), please **ensure all the data is completed with the green bar** before publishing. Quite often, suppliers 'publish' with yellow bar and the information is incomplete

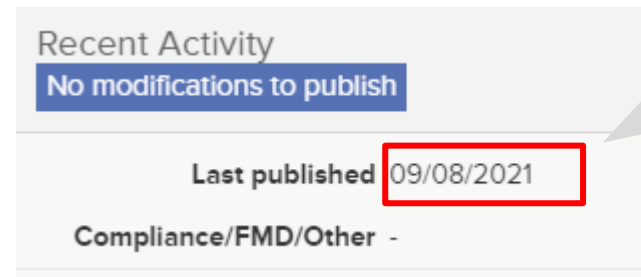
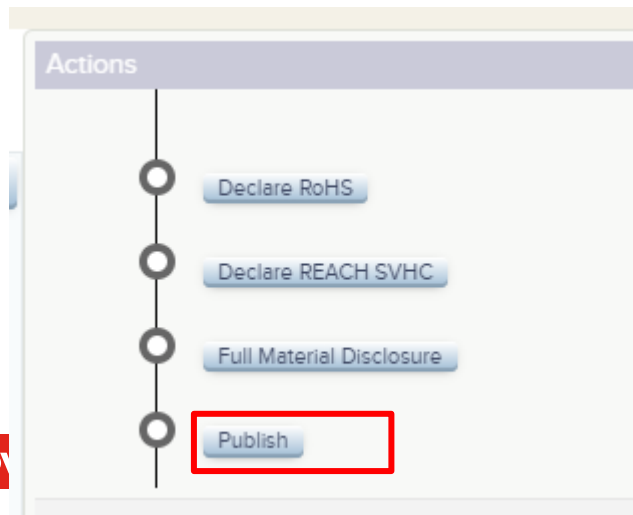
Incomplete

SCIP declaration for this complex article is incomplete. SCIP declaration is complete when all the SVHC listed in the REACH SVHC Declaration Details table has a Yes in the 'Declared in product' column. In addition to the SVHC declarations, SCIP required field values for Article Name, Article Category and Primary Identifier must be specified for all the listed part numbers in the Product SCIP Details table. After the SCIP declaration is completed, Publish the part from the Summary view of the Part.

SCIP declaration for this complex article is complete. If the declaration was just completed, Publish the part from the Summary view of the Part so that this information can be used by your customers.

Complete

Please be reminded to **click 'Publish'** if there is any kinds of updates. Otherwise, Lenovo is not able to see it.



\*Current date

# GDX Common Questions Sharing

## Tips: How to update SCIP details at an article level for complex object (Product BOM) ?

Please be reminded to update ALL the declared SVHC in at least one article level (Internal Part Number). All REACH SVHC under “Declared in product” must be “Yes”.

SCIP declaration for this complex article is incomplete. SCIP declaration is complete when all the SVHC listed in the REACH SVHC Declaration Details table has a Yes in the 'Declared in product' column and all the SVHC declared under product SCIP details are declared for the part. In addition to the SVHC declarations, SCIP required field values for Article Name, Article Category and Primary Identifier must be specified for all the listed part numbers in the Product SCIP Details table. After the SCIP declaration is completed, Publish the part from the Summary view of the Part.

REACH SVHC Declaration Details

#	REACH SVHC	Declared in product
1	4,4'-Diaminodiphenylmethane (MDA)	Yes
2	Lead chromate molybdate sulfate red	No

Product SCIP Details

#	Internal Part Number	Article Name	Article Category	Primary Identifier	REACH SVHC	Action
1	123456				Not Applicable	<a href="#">Set SCIP Details</a>
2	748.06Y03.0011	123	8001100000	748.06Y03.0011	Not Applicable	<a href="#">Set SCIP Details</a>
3	82.30005.E21	DEF	8001100000	82.30005.E21	4,4'-Diaminodiphenylmethane (MDA)	<a href="#">Set SCIP Details</a>
4	SD11B16384	789	6002400091	SD11B16384	Not Applicable	<a href="#">Set SCIP Details</a>
5	789101	789	8104900000	SD123456	4,4'-Diaminodiphenylmethane (MDA)	<a href="#">Set SCIP Details</a>

# GDX Common Questions Sharing

## Tips: How to update SCIP details at an article level for complex object (Product BOM) ?

With the same Internal Part Number across different Part Numbers, the declared REACH SVHC must be the same in GDX. If different SVHC is updated in the same Internal Part Number across different Part Numbers, such SVHC will be stated “Not present” and yellow header will appear.

SCIP declaration for this complex article is incomplete. SCIP declaration is complete when all the SVHC listed in the REACH SVHC Declaration Details table has a Yes in the 'Declared in product' column and all the SVHC declared under product SCIP details are declared for the part. In addition to the SVHC declarations, SCIP required field values for Article Name, Article Category and Primary Identifier must be specified for all the listed part numbers in the Product SCIP Details table. After the SCIP declaration is completed, Publish the part from the Summary view of the Part.

REACH SVHC Declaration Details

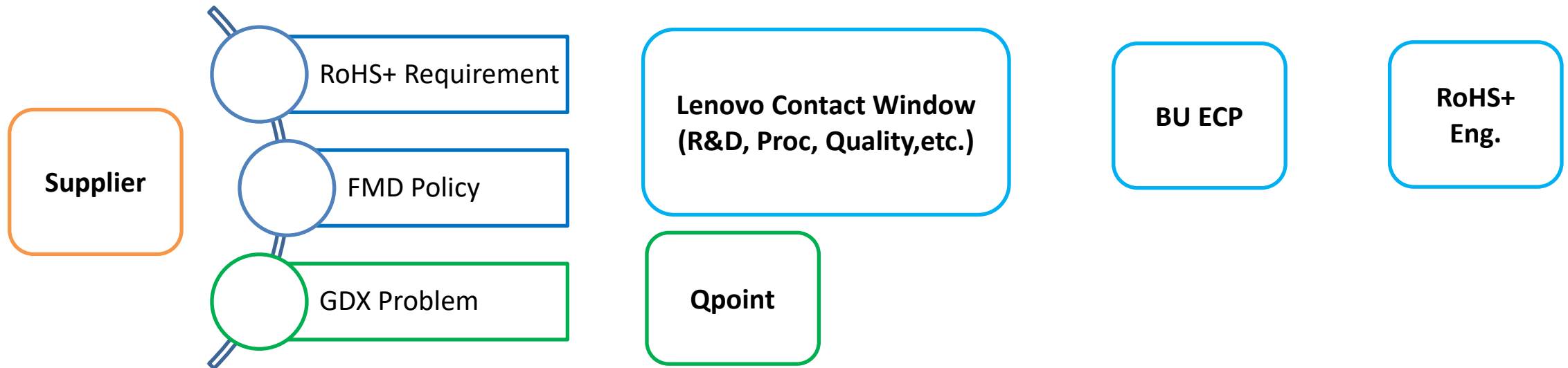
#	REACH SVHC	Declared in product
1	4,4'-Diaminodiphenylmethane (MDA)	Yes
2	Lead chromate molybdate sulfate red	Yes
3	5-Tert-butyl-2,4,6-trinitro-m-xylene	Not present in REACH declaration for part 123456789-5
4	Perfluorobutane sulfonic acid (PFBS) and its salts	Not present in REACH declaration for part 123456789-5

Product SCIP Details:

#	Internal Part Number	Article Name	Article Category	Primary Identifier	REACH SVHC	Action
1	791.06Y02.0072	Abc	8001100000	791.06Y02.0072	Not Applicable	<a href="#">Set SCIP Details</a>
2	748.06Y03.0011	123	8001100000	748.06Y03.0011	Not Applicable	<a href="#">Set SCIP Details</a>
3	82.30005.E21	DEF	8001100000	82.30005.E21	4,4'-Diaminodiphenylmethane (MDA),5-Tert-butyl-2,4,6-trinitro-m-xylene	<a href="#">Set SCIP Details</a>
4	SD11B16384	789	6002400091	SD11B16384	Not Applicable	<a href="#">Set SCIP Details</a>
5	SD11B16384-1	890	8104900000	SD11B16384-1	Perfluorobutane sulfonic acid (PFBS) and its salts,Lead chromate molybdate sulfate red,5-Tert-butyl-2,4,6-trinitro-m-xylene	<a href="#">Set SCIP Details</a>

[Back to Product BOM](#)
[Part Summary](#)
[Download SCIP Completion Summary](#)

# Communication Flow



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**thanks.**