

GreenData Manager

Application Help

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Questions or Comments?

Please contact us at support@greensofttech.com.

About GreenSoft Technology

GreenSoft Technology, Inc. is a leading provider of environmental compliance content management tools and services for the global electronics industry. GreenSoft is registered to the GB/T19001:2000 idt ISO 9001:2000 Quality Management System standard,.

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The GreenData Manager Workspace

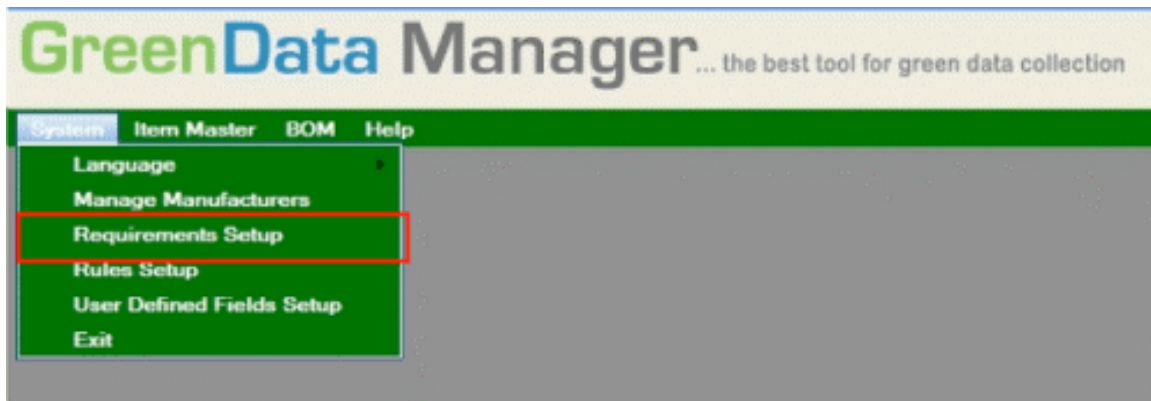
The Item Master page is the home page of GreenData Manager. This is where you will find access to your key compliance data and primary application features.

The screenshot shows the GreenData Manager interface with the following callout boxes:

- Menu bar:** Points to the top navigation bar containing 'System', 'Item Master', 'BOM', and 'Help'.
- The Search Panel lets you search for individual parts and manufacturers:** Points to the search input fields for Internal PN, Part Series, Manufacturer, Manufacturer PN, and Description.
- The Summary field shows the number of PNs and mfgs. in the Item Master:** Points to the 'Summary' section showing 'Number of PN in Item Master: 0' and 'Number of MFG in Item Master: 0'.
- The Status Filter lets you filter PNs based on status:** Points to the 'Status Filter' section with dropdown menus for Completion Status, EU RoHS Status, R2 Status, CoC Status, Test Report Status, MCD Status, and Expiry in 30 days.
- Add, delete, import and export your data through the Action Panel:** Points to the 'Action Panel' with links for 'Add New Item', 'Import from Excel', 'Import from IPC-1752', 'RFQ', 'Import Part Data', and 'Delete'.
- The Rule Selection area lets you choose rules to apply to your items and BOMs: JIG, China RoHS, Halogen-free, EU RoHS and Norwegian PoHS:** Points to the 'Rule Selection' section showing 'Rule 1: EU RoHS' and 'Rule 2: <Not Selected>'.
- The Item Master List shows all items in the Item Master:** Points to the table header with columns: PN, MFG, Part Series, MFG PN, Description, Completion Status, and EU R.

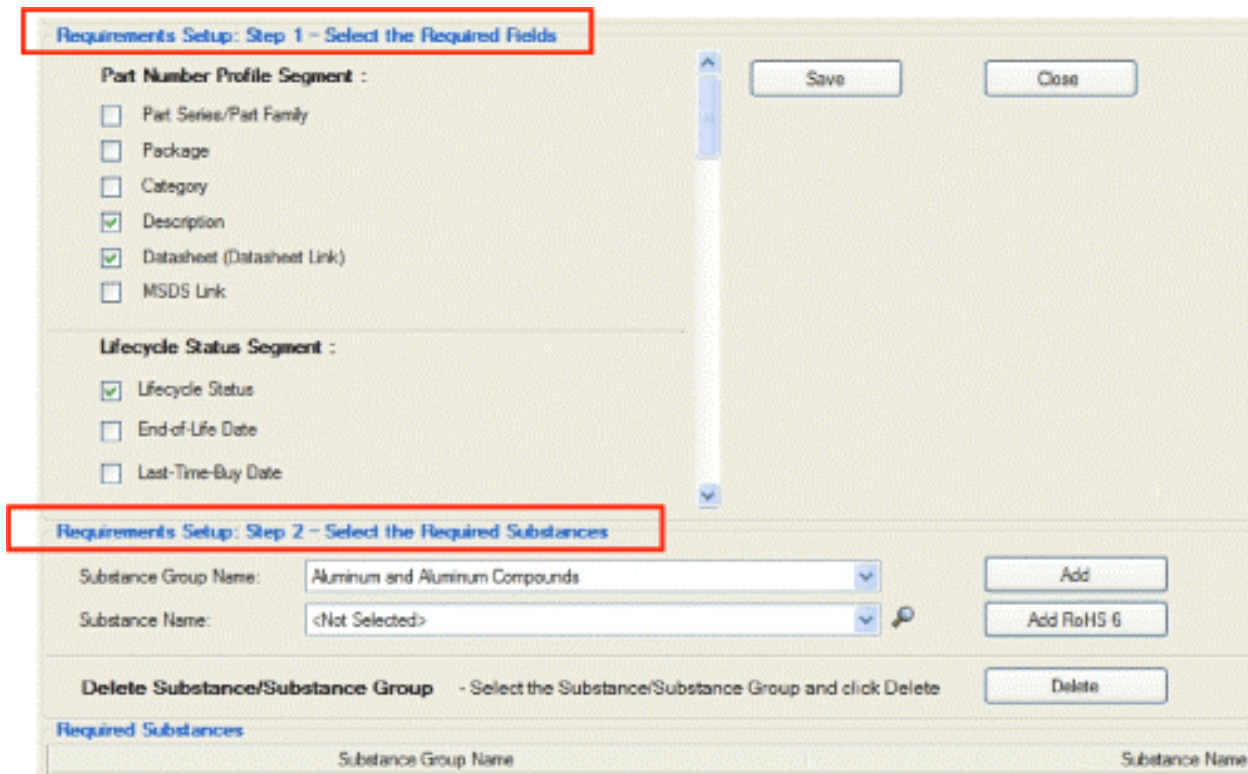
Set Up Your Data Collection Requirements

To set up the required fields and required substances, select **System** then **Requirements Setup** from the main menu bar.



Requirements Setup has two steps:

1. Select the required fields of data and documents for all components
2. Select the required substances to validate for all components

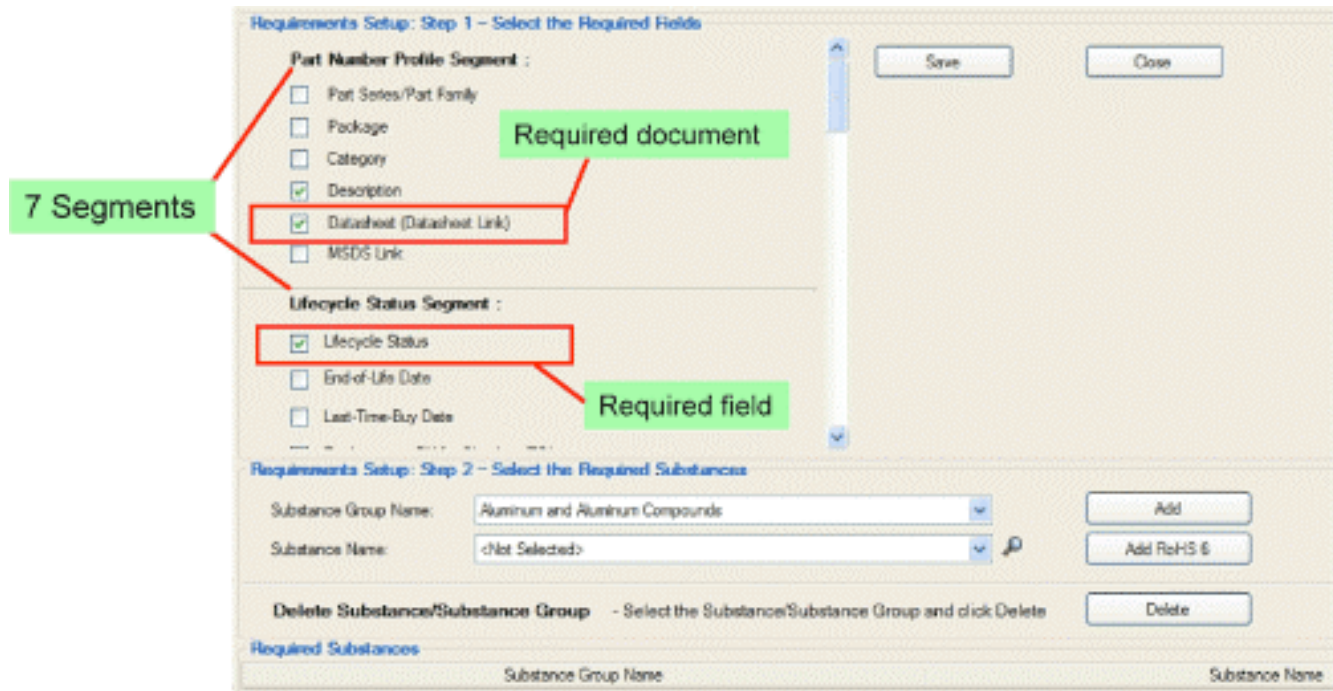


Note: Requirement Setup affects 2 areas:

1. Completion Status in BOM Details or Item Master - a RED dot indicates incorrect or incomplete collection of required fields or documents or required substances
2. BOM Report – only the required fields, documents and required substances will be listed inside the BOM report

Set Up Your Data Collection Requirements: Required Fields and Documents

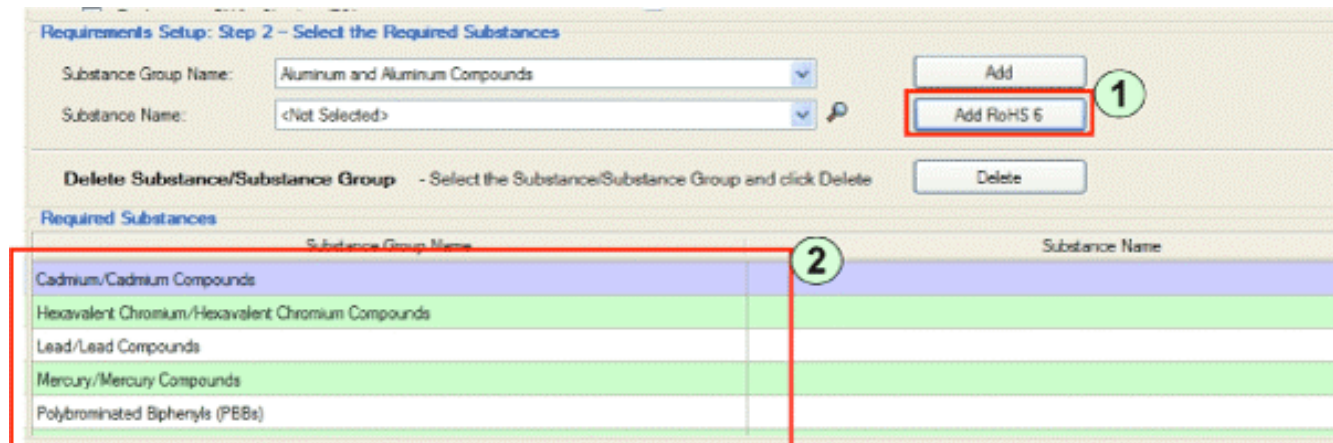
In the Requirement Setup window, select the required fields and documents from 7 different segments by clicking on the checkboxes.



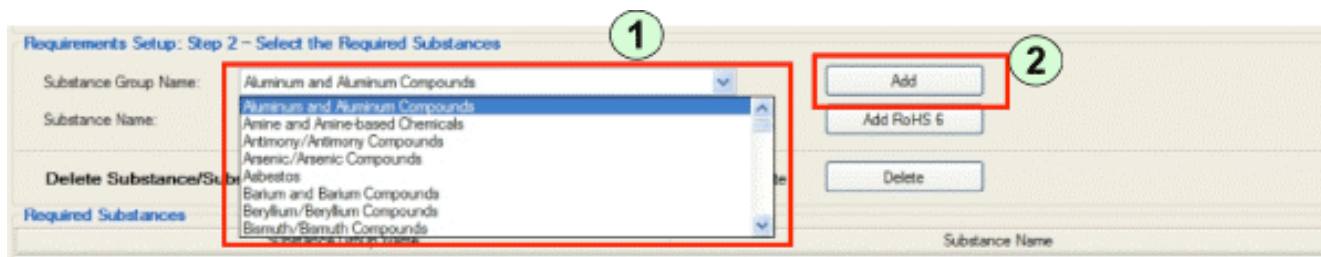
Set Up Your Data Collection Requirements: Required Substances

GreenData Manager provides three ways of selecting required substances:

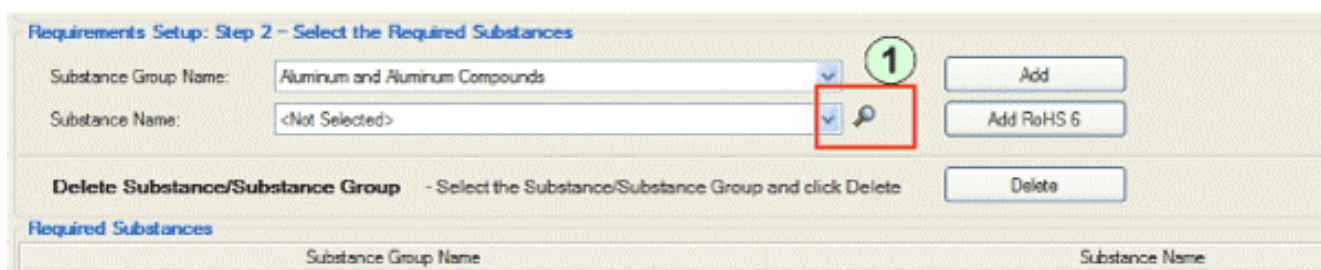
1. Click on **Add RoHS 6**. The 6 EU RoHS substances will be added to the required substances list.



- Click on the drop-down substance group list, then highlight the required substance. Click on the **Add** button to add the selected substance or substance group to the required substance list.

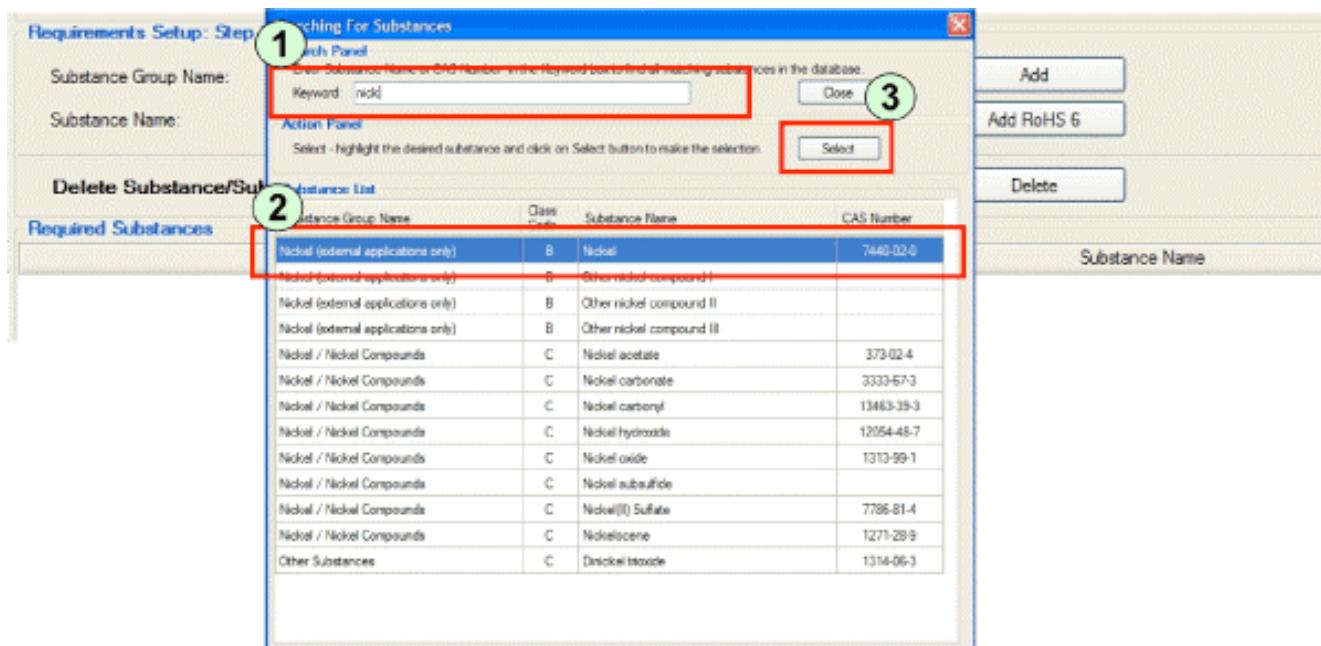


- If you are not sure about the name of the required substance but know the CAS number or partial name of the substance, click on the **magnifier** button.



The Searching for Substances pop-window will appear.

- Enter the CAS number or partial substance name in the Keyword box (1)
- Select the desired substance from the list with single click (2)
- Click **Select** to make the selection (3)



* After the selection of substance from the Magnifier, validate the selection from the Substance Group box and Substance box. (1)

* Click **Add** to add to the required substances list. (2)

Requirements Setup: Step 2 - Select the Required Substances

Substance Group Name: Nickel (external applications only) [v]
Substance Name: Nickel [v] [magnifying glass]

Add
Add RoHS 6

Delete Substance/Substance Group - Select the Substance/Substance Group and click Delete [Delete]

Required Substances

Substance Group Name	Substance Name
----------------------	----------------

Set Up Your Data Collection Requirements: Save Your Changes!

To save your work in setting up the required fields, documents and required substances, click on **Save**.

Requirements Setup: Step 1 - Select the Required Fields

Part Series/Part Family
 Package
 Category
 Description
 Datasheet (Datasheet Link)
 MSDS Link

Lifecycle Status Segment :

Lifecycle Status
 End-of-Life Date
 Last-Time-Buy Date
 Replacement PN for Obsolete/EOL

Requirements Setup: Step 2 - Select the Required Substances

Substance Group Name: Aluminum and Aluminum Compounds [v]
Substance Name: <Not Selected> [v] [magnifying glass]

Add
Add RoHS 6

Delete Substance/Substance Group - Select the Substance/Substance Group and click Delete [Delete]

Required Substances

Substance Group Name	Substance Name
Cadmium/Cadmium Compounds	
Hexavalent Chromium/Hexavalent Chromium Compounds	
Lead/Lead Compounds	
Mercury/Mercury Compounds	
Polybrominated Biphenyls (PBBs)	

Import Your Data from Excel: Prepare the Data

Column headers are the required fields that you have defined in Requirements Setup.

Item#	Item Description	Mfr. Name	Mfr. Part Number	Lifecycle	RoHS Status	Exemption Index	Doc Type	Doc URL	Doc file
0022-10036-01	RES WW 25 OHM 10%	VISHAY AMERICA INC	CP000525R00KE14	2	Yes		1-DS	http://www.vishay/VISHAY_CP_DS.pdf	
0022-10036-02	RES WW 25 OHM 10% IRC		PW525R10_LF	2	Yes		3-CoC	http://www.vishay/VISHAY_Resistor_COC.pdf	
0022-10036-005	DIODE SHKY FAST RE	DIODES INC	BATS4C-7-F	2	Yes		1-DS	http://www.inctt.co/IRC_PW_DS.pdf	
0022-10036-005	DIODE SHKY FAST RE	DIODES INC	BATS4C-13-F	2	Yes		3-CoC	http://www.diodes/DIODES_BATS4C-1_DS.pdf	
0022-10036-005	DIODE SHKY FAST RE	FAIRCHILD SEMICOND	BATS4C	2	Yes		1-DS	http://www.diodes/DIODES_BATS4C-7F_COC.pdf	
0022-10036-005	DIODE SHKY FAST RE	FAIRCHILD SEMICOND	BATS4C	2	Yes		3-CoC	http://www.diodes/DIODES_BATS4C-13_DS.pdf	
0022-10036-005	DIODE SHKY FAST RE	FAIRCHILD SEMICOND	BATS4C	2	Yes		1-DS	http://www.fairchild/FAIRCHILD_BATS4C-2_DS.pdf	
0022-10036-005	DIODE SHKY FAST RE	FAIRCHILD SEMICOND	BATS4C	2	Yes		3-CoC	http://www.fairchild/FAIRCHILD_BATS4C_COC.pdf	
0022-10036-005	DIODE SHKY FAST RE	ZETEX INC	BATS4C	2	Yes		1-DS	http://www.zetex/ZETEX_BATS4C_DS.pdf	
0022-10036-005	DIODE SHKY FAST RE	ZETEX INC	BATS4C	2	Yes		3-CoC	http://www.zetex/ZETEX_COC.pdf	
0022-10036-005	DIODE SHKY FAST RE	ONSEM ON	BATS4CLT1G	2	Yes		1-DS	http://www.zetex/ZETEX_COC.pdf	
0022-10036-005	DIODE SHKY FAST RE	ONSEM ON	BATS4CLT3G	2	Yes		3-CoC	http://www.onsem/ON_BATS4CL_DS.pdf	
0022-10036-005	DIODE SHKY FAST RE	ONSEM ON	BATS4CL	2	Yes		1-DS	http://www.onsem/ON_COC.pdf	
0022-10036-005	DIODE SHKY FAST RE	PHILIPS SEMICONDUCTOR	BATS4C T_R	2	Yes		3-CoC	http://www.onsem/ON_BATS4CL_DS.pdf	
0022-10036-005	DIODE SHKY FAST RE	PHILIPS SEMICONDUCTOR	BATS4C T_R	2	Yes		1-DS	http://www.onsem/ON_COC.pdf	
0022-10036-005	DIODE SHKY FAST RE	PHILIPS SEMICONDUCTOR	BATS4C T_R	2	Yes		3-CoC	http://www.nxp.co/PHILIPS_BATS4_DS.pdf	
0022-10036-005	DIODE SHKY FAST RE	PHILIPS SEMICONDUCTOR	BATS4C T_R	2	Yes		1-DS	http://www.nxp.co/PHILIPS_BATS4_COC.pdf	
0022-10036-005	DIODE SHKY FAST RE	ST MICROELECTRONICS	BATS4CFILM	2	Yes		3-CoC	http://www.st.com/ST_MICROELECTRONICS_BATS4_DS.pdf	
0022-10036-005	DIODE SHKY FAST RE	ST MICROELECTRONICS	BATS4CFILM	2	Yes		1-DS	http://www.st.com/ST_BATS4CFILM_COC.pdf	
0022-10036-12	IC MCU 8BIT RISC 7K CMOS MICROCHIP TECHNOLOGY	MICROCHIP	PIC16C923-04I_PT	2	Yes		3-CoC	http://www1.microchip.com/MICROCHIP_PIC16C923-04I_PT_DS.pdf	
0022-10036-12	IC MCU 8BIT RISC 7K CMOS MICROCHIP TECHNOLOGY	MICROCHIP	PIC16C923-04I_PT	2	Yes		1-DS	http://www1.microchip.com/MICROCHIP_PIC16C923-04I_PT_DS.pdf	
0022-10036-12	IC MCU 8BIT RISC 7K CMOS MICROCHIP TECHNOLOGY	MICROCHIP	PIC16C923-04I_PT	2	Yes		3-CoC	http://www1.microchip.com/MICROCHIP_PIC16C923-04I_PT_DS.pdf	
0030-00150-001	TRANSISTOR NPN 80V DIODES INC	DIODES INC	MMBTA05-13-F	2	Yes		1-DS	http://www.diodes/DIODES_MMBTA05.pdf	
0030-00150-001	TRANSISTOR NPN 80V DIODES INC	DIODES INC	MMBTA05-13-F	2	Yes		3-CoC	http://www.diodes/DIODES_MMBTA05_COC.pdf	

Column headers are the required fields you have defined in Requirements

As you set up your Excel file, keep in mind that certain fields in GreenData Manager need to follow a specific format or demand particular codes.

- Lifecycle status: indicated by 7 codes for 7 different states
- RoHS status: indicated by 4 states (blank, Yes, No, With Exemption)

Item#	Item Description	Mfr. Name	Mfr. Part Number	Lifecycle	RoHS Status	Exemption Index	Doc Type	Doc URL	Doc file
0022-10036-02	RES WW 25 OHM 10%	VISHAY AMERICAS INC	CP000525R00KE14	2	Yes		1-DS	http://www.vishay/VISHAY_CP_DS.pdf	
0022-10036-02	RES WW 25 OHM 10% IRC		PW525R10_LF	2	Yes		3-CoC	http://www.vishay/VISHAY_Resistor_COC.pdf	
0022-10036-005	DIODE SHKY FAST RE	DIODES INC	BATS4C-7-F	2	Yes		1-DS	http://www.inctt.co/IRC_PW_DS.pdf	
0022-10036-005	DIODE SHKY FAST RE	DIODES INC	BATS4C-13-F	2	Yes		3-CoC	http://www.inctt.co/IRC_COC.pdf	
0022-10036-005	DIODE SHKY FAST RE	FAIRCHILD SEMICOND	BATS4C	2	Yes		1-DS	http://www.diodes/DIODES_BATS4C-1_DS.pdf	
0022-10036-005	DIODE SHKY FAST RE	FAIRCHILD SEMICOND	BATS4C	2	Yes		3-CoC	http://www.diodes/DIODES_BATS4C-7F_COC.pdf	
0022-10036-005	DIODE SHKY FAST RE	ZETEX INC	BATS4CTA	2	Yes		1-DS	http://www.zetex/ZETEX_COC.pdf	
0022-10036-005	DIODE SHKY FAST RE	ZETEX INC	BATS4CTC	2	Yes		3-CoC	http://www.zetex/ZETEX_BATS4C_DS.pdf	
0022-10036-005	DIODE SHKY FAST RE	ZETEX INC	BATS4CTC	2	Yes		1-DS	http://www.zetex/ZETEX_COC.pdf	
0022-10036-005	DIODE SHKY FAST RE	ZETEX INC	BATS4CTC	2	Yes		3-CoC	http://www.zetex/ZETEX_COC.pdf	
0030-00150-001	TRANSISTOR NPN 80V DIODES INC	DIODES INC	MMBTA05-13-F	2	Yes		1-DS	http://www.diodes/DIODES_MMBTA05.pdf	
0030-00150-001	TRANSISTOR NPN 80V DIODES INC	DIODES INC	MMBTA05-13-F	2	Yes		3-CoC	http://www.diodes/DIODES_MMBTA05_COC.pdf	

Lifecycle status is indicated with 7 codes for 7 different states

4 possible states for RoHS Status: blank, "Yes", "No", "With Exemption"

Lifecycle Status Segment

Lifecycle Status: 2: Active

LTB Date(mm/dd/yyyy):

EOL Date(mm/dd/yyyy):

Replacement Part Number for Obsolete or EOL part:

- 0: Not Set
- 1: NPI - New Product Intro
- 2: Active
- 3: NRND: Not Recommended for New De
- 4: EOL - End of Life
- 5: Obsolete
- 6: Unknown

Exemption Index – If multiple Exemptions exist, then separate them with comma

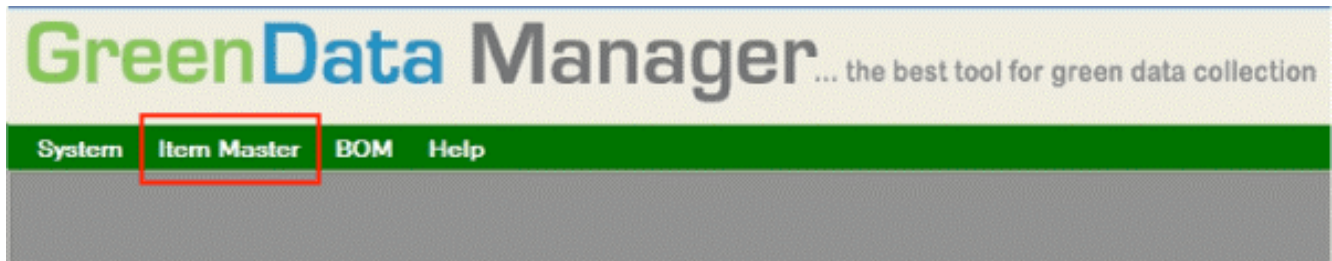
RoHS Status Segment

RoHS Compliant Status (Yes/No/ with exemption): Not Set Yes No With Exemption

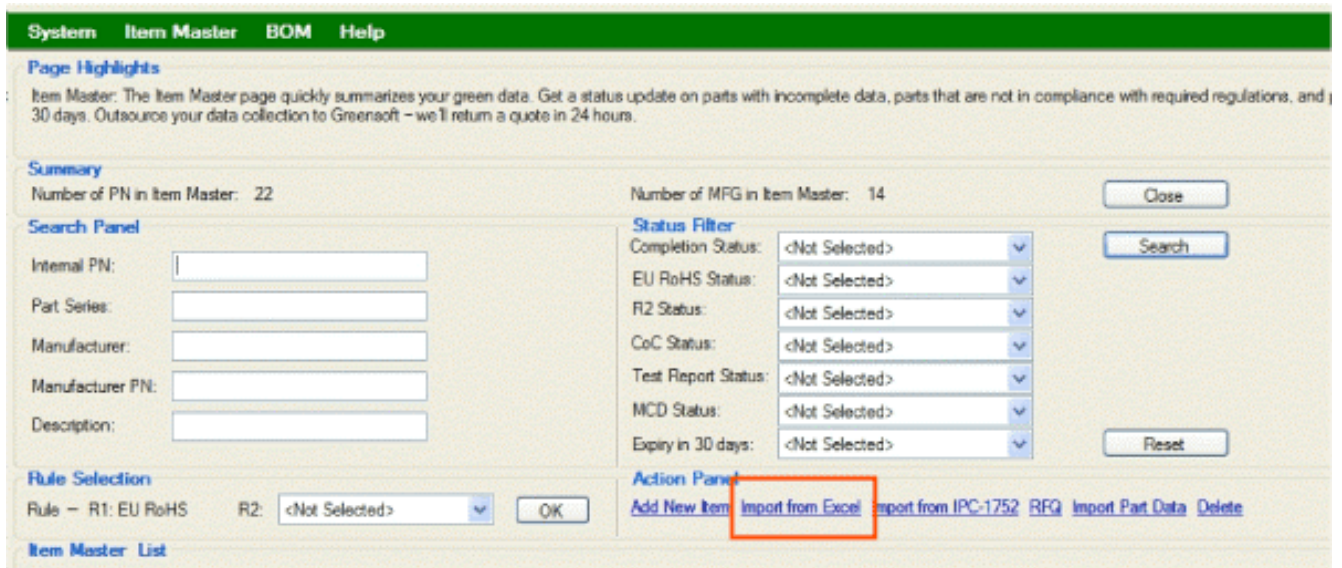
Exemption Reference Number: [Manage Exemptions](#)

Import Your Data from Excel

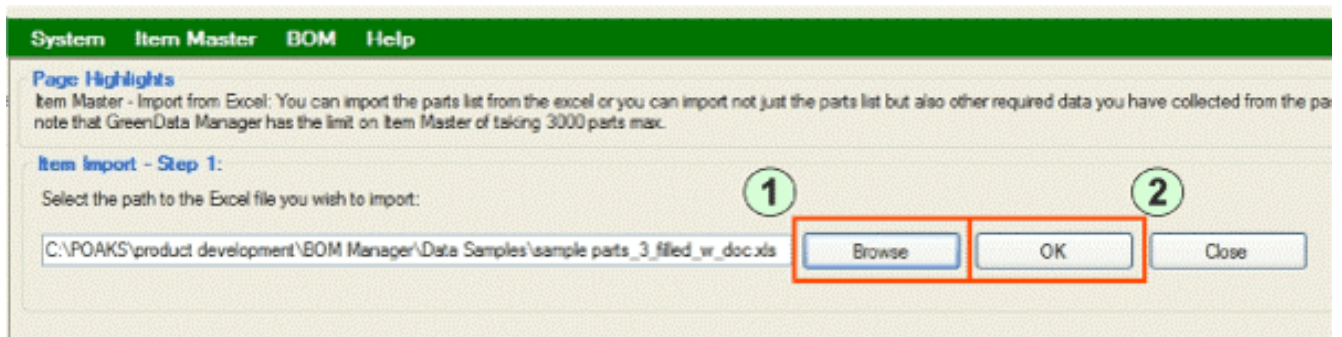
Click on **Item Master** in the Main Menu.



Click on **Import from Excel** in the Item Master page.



- Choose your Excel file by clicking **Browse**
- Click **OK** after you have selected the Excel file



Import Your Data from Excel: Perform Column Mapping

Make sure that the column headers in the Excel file match the segments you have designated in Requirements Setup.

Item Import - Step 2:

Part Number Profile Segment :

Internal PN:	Item#
Manufacturer Part Number:	Mfr. Part Number
Part Series/Part Family:	<ignore>
Manufacturer:	Mfr. Name
Category:	<ignore>
Package:	<ignore>
Description:	Item Description
Remark:	<ignore>

Lifecycle Status Segment :

Lifecycle Status:	Lifecycle
End-of-Life Date:	<ignore>
Last-Time-Buy Date:	<ignore>
Replacement PN for Obsolete/EOL:	<ignore>
Notes:	<ignore>

RoHS Status Segment :

RoHS Compliant Status:	RoHS Status
Exemption Reference Number:	Exemption Index
Replacement PN for Non-RoHS Part:	<ignore>

Perform column mapping with the column headers from the imported Excel file

Pay special attention to the document import, which is listed at the end of the column mapping list.

Documents Segment :

Document Type:	Doc Type
Document Name:	Doc file
Document Link:	Doc URL
Effective Date:	<ignore>
Expiry Date:	<ignore>
Notes:	<ignore>

User Defined Fields :

User Defined Fields #1:	<ignore>
User Defined Fields #2:	<ignore>
User Defined Fields #3:	<ignore>

Save Preference Append Overwrite

OK Cancel

Check on Overwrite if you want to import all of the new data from Excel.

Note: A maximum of 3000 parts can be imported to the Item Master. If more than 3000 parts are needed for your application, please contact Greensoft for more options.

Importing Data from GreenSoft: Requesting an RFQ

- To import the data collected by Greensoft, you first need to outsource the data collection job to Greensoft.
- The RFQ button is located on both the Item Master page and BOM Details page.

Page Highlights
 Item Master: The Item Master page quickly summarizes your green data. Get a status update on parts with incomplete data, parts that are not in compliance with required regulations, and parts with associate 30 days. Outsource your data collection to Greensoft – we'll return a quote in 24 hours.

Summary
 Number of PN in Item Master: 22
 Number of MFG in Item Master: 14

Search Panel

Internal PN:
 Part Series:
 Manufacturer:
 Manufacturer PN:
 Description:

Status Filter

Completion Status: <Not Selected>
 EU RoHS Status: <Not Selected>
 R2 Status: <Not Selected>
 CoC Status: <Not Selected>
 Test Report Status: <Not Selected>
 MCD Status: <Not Selected>
 Expiry in 30 days: <Not Selected>

Rule Selection
 Rule – R1: EU RoHS R2: <Not Selected> OK

Action Panel
[Add New Item](#) [Import from Excel](#) [Import from IPC-1752](#) [RFQ](#) [Import Product Data](#) [Delete](#)

Item Master List

● OK/Passed ● Not Ready/Failed ● Invalid Entry/Incomplete ● Document Expired ● Passed with Exemption ● Subpart Info Incomplete ● Subpart Failed

IPN	MFG	Part Series	MFG PN	Description	Completion Status	EU RoHS Status	R2 Status	CoC Status
0022-10036-005	ON SEMICOND...		BAT54CLT1G	DIODE SHKY FAST R...	●	●	○	●
0022-10036-005	ON SEMICOND...		BAT54CLT3G	DIODE SHKY FAST R...	●	●	○	●
0022-10036-005	PHILIPS SEMIC...		BAT54C T_R	DIODE SHKY FAST R...	●	●	○	●
0022-10036-005	STMICROELECT...		BAT54CFILM	DIODE SHKY FAST R...	●	●	○	●
0022-10036-02	VISHAY AMERIC...		CP000525R00KE14	RES WW 25 OHM 10%...	●	●	○	●
0022-10036-02	IRC		PWS25R10_LF	RES WW 25 OHM 10%...	●	●	○	●
0022-10036-12	MICROCHIP TE...		PIC16C523-04LPT	IC MCU 8BIT RISC 7K...	●	●	○	●
0022-10036-18	TEXAS INSTRU...		LM339DR	IC COMPARATOR LOG...	●	●	○	●
0022-10036-20	TEXAS INSTRU...		SN74HC138D	IC DECODER/DRIVER...	●	●	○	●
0030-00150-001	DIODES INC		MMSTA06-13-F	T	●	●	○	●

Status of the parts with imported data

Note that a maximum of 3000 parts can be imported to the Item Master. If more than 3000 parts are needed for your application, please contact Greensoft for more options.

Importing Data from GreenSoft

- Greensoft will deliver your data in ZIP format
- Click on **Import Part Data** on the Item Master page to import the data collected by Greensoft.

Page Highlights
Item Master: The Item Master page quickly summarizes your green data. Get a status update on parts with incomplete data, parts that are not in compliance with required regulat 30 days. Outsource your data collection to Greensoft – we'll return a quote in 24 hours.

Summary
Number of PN in Item Master: 22
Number of MFG in Item Master: 14

Search Panel
Internal PN:
Part Series:
Manufacturer:
Manufacturer PN:
Description:

Status Filter
Completion Status: <Not Selected>
EU RoHS Status: <Not Selected>
R2 Status: <Not Selected>
CoC Status: <Not Selected>
Test Report Status: <Not Selected>
MCD Status: <Not Selected>
Expiry in 30 days: <Not Selected>

Rule Selection
Rule – R1: EU RoHS R2: <Not Selected> OK

Action Panel
Add New Item Import from Excel Import from IPC-1752 **RFQ** Import Part Data Delete

RFQ – "Request For Quote" for data collection by Greensoft in Item Master page

RFQ – "Request For Quote" for data collection by Greensoft in BOM Details page

Page Highlights
BOM Details: You can quickly analyze the completeness of data collection on the desired BOM, and you can also read the compliance status per EU RoHS or per the custom-defined regulat Search, and request for quote on the selected parts by outsourcing the data collection efforts to Greensoft.

BOM Profile
BOM ID: 700-001175-02
Revision:
Match Status: ● Completion Status: ● EU RoHS Status: ● R2 Status:

Rule Selection Panel
R1: EU RoHS R2: <Not Selected> Pass With All Pass OK

Action Panel
Where Used Generate Report **RFQ** Reload

- Browse the ZIP files sent by Greensoft – you can enter multiple ZIP files at the same time
- Select the mode of importing:
 - Merge: imported data will be imported only if the original field is blank
 - Overwrite: all fields from the part will be overwritten by the imported data

Page Highlights
Item Master: The Item Master page quickly summarizes your green data. Get a status update on parts with incomplete data, parts that are not in compliance with required regulat 30 days. Outsource your data collection to Greensoft – we'll return a quote in 24 hours.

Summary
Number of PN in Item Master: 22
Number of MFG in Item Master: 14

Search Panel
Internal PN:
Part Series:
Manufacturer:
Manufacturer PN:
Description:

Status Filter
Completion Status: <Not Selected>
EU RoHS Status: <Not Selected>
R2 Status: <Not Selected>
CoC Status: <Not Selected>
Test Report Status: <Not Selected>
MCD Status: <Not Selected>
Expiry in 30 days: <Not Selected>

Rule Selection
Rule – R1: EU RoHS R2: <Not Selected> OK

Action Panel
Add New Item Import from Excel Import from IPC-1752 RFQ **Import Part Data** Delete

After the import, the Item Master page shows the imported data:

Page Highlights
 Item Master: The Item Master page quickly summarizes your green data. Get a status update on parts with incomplete data, parts that are not in compliance with required regulations, and parts with associated 30 days. Outsource your data collection to Greensoft - we'll return a quote in 24 hours.

Summary
 Number of PN in Item Master: 22 Number of MFG in Item Master: 14

Search Panel

Internal PN:
 Part Series:
 Manufacturer:
 Manufacturer PN:
 Description:

Status Filter
 Completion Status: <Not Selected>
 EU RoHS Status: <Not Selected>
 R2 Status: <Not Selected>
 CoC Status: <Not Selected>
 Test Report Status: <Not Selected>
 MCD Status: <Not Selected>
 Expiry in 30 days: <Not Selected>

Rule Selection
 Rule - R1: EU RoHS R2: <Not Selected>

Action Panel
[Add New Item](#) [Import from Excel](#) [Import from IPC-1752](#) [RFQ](#) [Import Part Data](#) [Delete](#)

Item Master List
 ● : OK/Passed ● : Not Ready/Failed ● : Invalid Entry/Incomplete ● : Document Expired ● : Passed with Exemption ● : Subpart Info Incomplete ● : Subpart Failed

IPN	MFG	Part Series	MFG PN	Description	Completion Status	EU RoHS Status	R2 Status	CoC Status
0022-10036-005	ZETEX INC		BATS4CTC	DIODE SHKY FAST R...	●	●	○	●
0022-10036-005	ON SEMICOND...		BATS4CLT1G	DIODE SHKY FAST R...	●	●	○	●
0022-10036-005	ON SEMICOND...		BATS4CLT3G	DIODE SHKY FAST R...	●	●	○	●
0022-10036-005	PHILIPS SEMIC...		BATS4C T_R	DIODE SHKY FAST R...	●	●	○	●
0022-10036-005	STMICROELECT...		BATS4CFILM	DIODE SHKY FAST R...	●	●	○	●
0022-10036-02	VISHAY AMERIC...		CP000525R00KE14	RES WW 25 OHM 10%...	●	●	○	●
0022-10036-02	IRC		PW525R10_LF	RES WW 25 OHM 10%...	●	●	○	●
0022-10036-12	MICROCHIP TE...		PIC16C923-04I_PT	IC MCU 8BIT RISC 7K...	●	●	○	●
0022-10036-18	TEXAS INSTRU...		LM339DR	IC COMPARATOR LO...	●	●	○	●

Add Material Composition Data and other Data to a New Part

On the Item Master page, select **Add New Item**.

The screenshot shows the 'Item Master' page with several sections: 'Page Highlights', 'Summary', 'Search Panel', 'Status Filter', 'Rule Selection', and 'Action Panel'. The 'Action Panel' at the bottom contains several buttons: 'Add New Item', 'Import from Excel', 'Import from IPC-1752', 'RFQ', 'Import Part Data', and 'Delete'. The 'Add New Item' button is highlighted with a red box. A red arrow points from this button to a green callout box.

Add the new item from Item Master page

In the Part Number Profile Segment, enter data in three key fields:

- Enter the Internal PN
- Select the manufacturer name from the drop-down list of existing manufacturers
- Enter the manufacturer PN

The screenshot shows the 'Part Number Profile Segment' with a 'Copy From' button highlighted in a red box. Below it, three fields are highlighted with a red box: 'Internal Part Number' (100-250-330), 'Manufacturer Name' (FREESCALE SEMICONDUCTOR INC), and 'Manufacturer Part Number' (MC68HC705CBACFB). A green callout box points to these fields with the text '3 key fields you have to fill when entering the data for the new item'. Another green callout box points to the 'Copy From' button with the text 'Copy the data and MCD from another part from the same part family or part series'.

(If the new item is a member of a part family, you can copy the same data from another part that is in the same family and make changes later.)

Add Document(s) to a New Part

1. Browse the path of a required document or enter the URL manually
2. Specify the Effective Date (Start Date) and Expiration Date (End Date) of the document
3. Add the document to the list
4. You can select multiple documents as Active documents for the new item

You can also name the Document as desired

Datasheet for 100-250-330 from FREESCALE SEMICONDUCTOR INC with Manufacturer Part Number: MC58HC705C8ACFB

Action Panel

Please click on **3** to start uploading the intended document and click on 'Add' to add the document.

Document Name: **3** Add Clear

Document Link/Upload File: Browse **1**

Effective Date (mm/dd/yyyy): **2**

Expiration Date (mm/dd/yyyy): **2**

Notes:

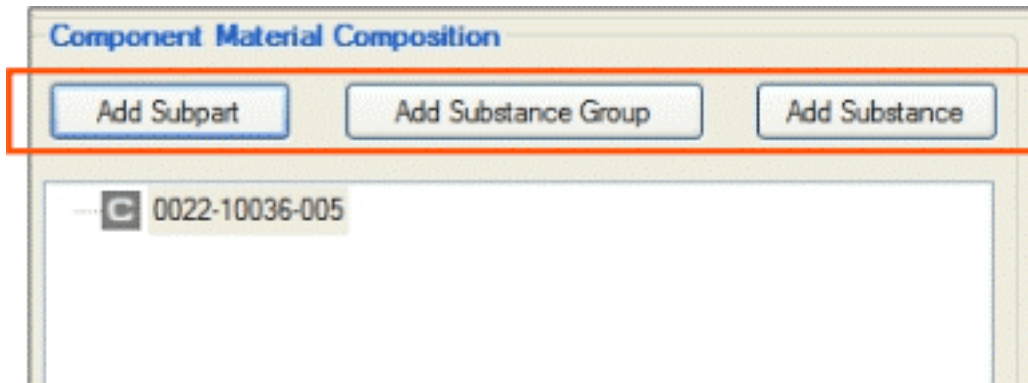
4 Documents List

Active	Document Name	Notes	Effective Date	Expiration Date	Link	Upload Date
<input checked="" type="checkbox"/>	IPC-1751-3_class 5				Link	4/22/2008 3:57:10 PM
<input type="checkbox"/>	IPC-1752-2_class...				Link	4/22/2008 3:56:25 PM

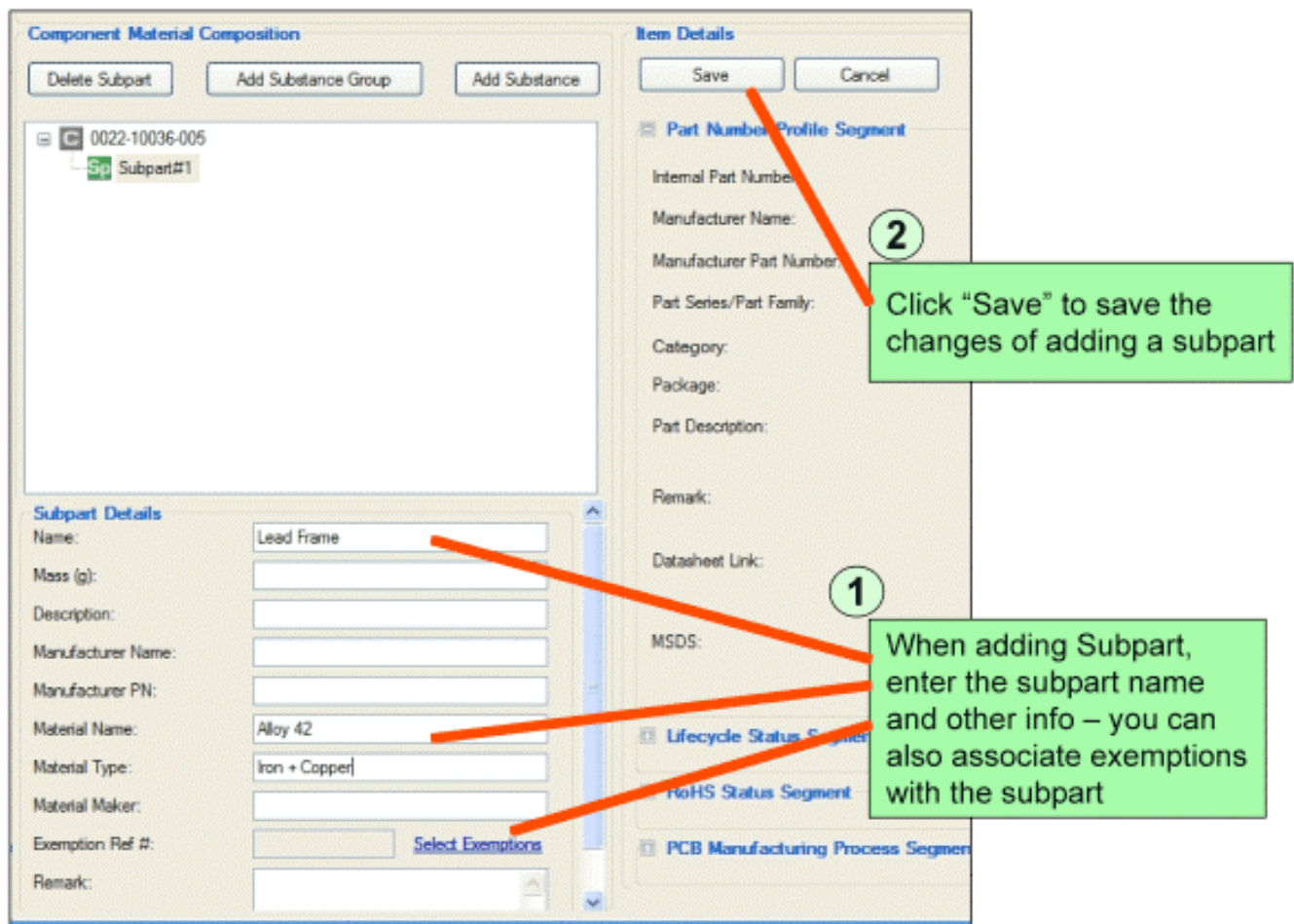
- Click on **Save** to save the changes
- Click on **Copy To** to copy the saved item to another part in the same part family or part series

Add Material Composition Data to a Newly Added Item

- You have three options in what you can add to a new item: add subpart, add substance group, and add substance.
- Once a subpart is added to an item, only one more subpart can be added to the same level under the item. This is also true for substance groups and substances.



1. Add a Subpart



2. Add a Substance Group under the Subpart

The screenshot displays the GreenData Manager software interface. The main window is titled "Component Material Composition" and "Item Details".

Component Material Composition:

- Tree view: 0022-10036-005
 - Lead Frame
 - New Substance Group
- Buttons: Delete Substance Group

Item Details:

- Buttons: Save, Cancel
- Section: Part Number Profile Segment
 - Internal Part Number:
 - Manufacturer Name:
 - Manufacturer Part Number:
 - Part Series/Part Family:
 - Category:
 - Package:
 - Part Description:
 - Remark:
 - Datasheet Link:
 - MSDS:
- Section: Lifecycle Status Segment
- Section: RoHS Status Segment
- Section: PCB Manufacturing Process Segme

Substance Group Details:

- Name: Lead/Lead Compounds
- Class (A or B or C): A
- Mass (g):
- ppm (to homogeneous material):
- MDL (ppm) for ND: 2
- NA:
- Purpose:
- Application:
- Remark:

Callouts:

1. Select the Subpart and then click on "Add Substance Group"
2. Select the substance group from the drop-down list and enter the details of the substance group
3. Click "Save" to save the changes of adding a subpart

3. Add a Substance under the Subpart

The screenshot shows the 'Component Material Composition' dialog box. On the left, a tree view shows a subpart 'Lead Frame' with a 'New Substance' button. On the right, the 'Item Details' section has a 'Save' button. Three green callout boxes with orange arrows provide instructions: 1. 'Select the Subpart and then click on "Add Substance"' points to the 'New Substance' button. 2. 'Select the substance from the drop-down list or using the magnifier and enter the details of the substance' points to the 'Substance' dropdown menu. 3. 'Click "Save" to save the changes of adding a subpart' points to the 'Save' button.

1 Select the Subpart and then click on "Add Substance"

2 Select the substance from the drop-down list or using the magnifier and enter the details of the substance

3 Click "Save" to save the changes of adding a subpart

4. Click **Save** and **Close** to save your work.

The screenshot shows the 'Component Material Composition' dialog box with the 'Save' and 'Close' buttons highlighted with red boxes. The 'Item Details' section is populated with data for a component: Internal Part Number: 0022-10036-005, Manufacturer Name: FAIRCHILD SEMICONDUCTOR COF, Manufacturer Part Number: BAT54C_D87Z, Part Description: DIODE SHIKY FAST REC 30V 200mA SOT-23 5ms, and Datasheet Link: FAIRCHILD_BAT54C-2_DS.pdf.