

Notification regarding the handling of AIS data conversion import errors

- When you conduct an error check for the conversion imported AIS data on the composition screen, the following three (3) error types may occur and prevent the file from being output. This notification provides the method for handling these errors.
 1. Combinations of usage (material) and classification symbol (material) are incorrect.
 2. Entries for SVHC substance use fields are requested.
 3. Field of optional reporting substance names entered in Japanese are blank.

1. Combinations of usage (material) and classification symbol (material) are incorrect.

Causal factors

- The usage and classification symbol can only be selected in the combinations determined by the rule. An error will occur when a combination deviates from the rule.
- This type of combination cannot be entered in the current AIS tool or chemSHERPA, but could be entered in the older version (prior to 4.0) of AIS tool.

Component		Material		
Name	Quantity	Usage	Classification symbol	Name
Substrate	1	1. base material	N720	Ceramics
Conductor	1	2. clad	S404	Coating (glass)
Resister	1	6. plating	S404	Coating (glass)
Coating	1	6. plating	P528	Thermoplastic elastomer
Terminal	1	4. inner preparations	R340	Nickel and Nickel alloys
Nickel plating	1	6. plating	S002	Nickel plating
Tin plating	1	6. plating	S005	
Marking	1	12. marking	S401	

Usage is 4: inner preparations

Classification is R340 (Nickel and Nickel alloys)

Even after revising up to Ver. 4.0, incompatible data entered at that time remains as is because the AIS tool does not have a function that can check for the incompatibility.

Handling method

- Click the “Select” button in usage and correct the entries to the appropriate combinations.
- In chemSHERPA, selecting “Material usage” will display a list of selectable “Materials.” Select the appropriate entry from this list.
- A list of combinations is also provided in the “chemSHERPA Materials List (ver. 1.00.00).pdf” file packaged with the chemSHERPA Data Entry Support Tools.

2. Entries for SVHC substance use fields are requested.

Causal factors

- In chemSHERPA, if ceramics or glass contains SVHC, it should be reported. Furthermore, entry for Relevant or Non-Relevant is required for SVHC that fall under UVCB.
- In chemSHERPA ver. 1.04.00, these include boron trioxide (CAS:1303-86-2), trilead tetraoxide (CAS :1314-41-6), lead oxide (CAS :1317-36-8), boric acid (CAS:10043-35-3, CAS:11113-50-1), and lead titanium zirconium oxide (CAS:12626-81-2).

Handling method

- Double click the relevant cell and select SVHC Relevant or Non-Relevant.

The image shows two screenshots of the chemSHERPA software interface. The left screenshot displays a table with columns for Substance, CAS No., Maximum content rate per material, Remarks, and a 'Select all' checkbox. The right screenshot shows a similar table with an additional column for 'SVHC' status. A red box highlights a cell in the 'SVHC' column, and a red arrow points to a popup dialog titled 'Select Substance Use'. The dialog shows a list with 'Not-Relevant - non-SVHC' and 'Relevant - SVHC'. Below the list, there are fields for 'Code' (set to 'Not-Relevant'), 'Valid From' (2019-08-30), 'Valid To' (2099-12-31), and 'Original' (set to 'non-SVHC'). 'Select' and 'Clear' buttons are at the bottom of the dialog.

Double click a cell to display a popup.

3. Field of optional reporting substance names entered in Japanese are blank.

Causal factors

- In chemSHERPA, substance names are generally entered using their English names. Moreover, the names must be entered using single-byte alphanumeric characters.
- If the substance is a declarable substance, use the CAS Number search function to automatically enter the English name from the chemSHERPA substance list.
- However, in the case that the substance is an optional reporting substance in chemSHERPA, the field of substance names entered using double-byte characters in AIS will be left blank.

The screenshot shows the 'Composition' data entry screen in chemSHERPA-A1. The main table lists substances with columns for Material code of public standard, Remarks, Substance, CAS No., Maximum content rate per materials, Remarks, Optional reporting (Select #), and CSCI. A green callout box points to the 'Substance' column, containing the text 'Input English name'.

Material code of public standard	Remarks	Substance	CAS No.	Maximum content rate per materials	Remarks	Optional reporting	CSCI
82						<input type="checkbox"/>	
83						<input type="checkbox"/>	
84						<input type="checkbox"/>	
85	JAMAA4444	Silicon	7440-21-3	100		<input checked="" type="checkbox"/>	
86	JAMAA4444		7439-89-0	2.3		<input checked="" type="checkbox"/>	
87		Copper (Cu)	7440-50-8	97.58		<input checked="" type="checkbox"/>	
88		Zinc	7440-66-6	0.12		<input checked="" type="checkbox"/>	
89	JAMAA4444	Silver	7440-22-4	100		<input checked="" type="checkbox"/>	
90	JAMAA4444			25.0015		<input checked="" type="checkbox"/>	
91	JAMAA4444			74.9985		<input checked="" type="checkbox"/>	
92	JAMAA4444			100		<input checked="" type="checkbox"/>	
93	JAMAA4444			0.0442	Impurities in Sn	<input checked="" type="checkbox"/>	
94		Tin	7440-31-5	97.9537		<input checked="" type="checkbox"/>	
95		Bismuth	7440-69-9	2.0001		<input checked="" type="checkbox"/>	
96	DD1042	Formaldehyde, p	29699-82-2	10.0214		<input checked="" type="checkbox"/>	
97		Silica, vitreous	60676-86-0	89.9686		<input checked="" type="checkbox"/>	
98		Silicon	7440-21-3	100		<input checked="" type="checkbox"/>	
99		Nickel	7440-02-0	100		<input checked="" type="checkbox"/>	
100		Lead	7439-92-1	95		<input checked="" type="checkbox"/>	
101		Tin	7440-31-5	5		<input checked="" type="checkbox"/>	
102		Copper (Cu)	7440-50-8	100		<input checked="" type="checkbox"/>	
103		Tin	7440-31-5	100		<input checked="" type="checkbox"/>	
104		Silica, crystalline	14806-60-7	80.08		<input checked="" type="checkbox"/>	
105		Phenol, polymer	9003-25-4	5.51		<input checked="" type="checkbox"/>	
106		Antimony trioxide	1309-64-4	2		<input checked="" type="checkbox"/>	
107		TBBA-epichlorhydrin	40039-93-8	2		<input checked="" type="checkbox"/>	
108		[This code cannot	99099-00-4	10.41		<input checked="" type="checkbox"/>	

Handling method

- Enter the English name in the substance field using single-byte characters and place a check in the optional reporting field for the substance.