

Request Regarding the Submission of “Compliance Certificate”

P Key Components Engineering & Manufacturing Department
Printing Solutions Operations Division
Seiko Epson Corporation

1, <u>Introduction</u>	...Page 3
2, <u>Notes about filling out forms</u>	...Page 4
(1) <u>Format</u>	...Page 4
(2) <u>Documents to be submitted</u>	...Page 4
(3) <u>Notes about entering product names</u>	...Page 4
(4) <u>Answers that can be omitted</u>	...Page 5
(5) <u>Enter the basic information</u>	...Page 6
(6) <u>Entering new chemicals/substances listed in inventory, and selecting applicable regulations</u>	...Page 10
1) <u>Explanation of the Content about "Japan" sheet</u>	...Page 11
2) <u>Explanation of the Content about "U.S.A" sheet</u>	...Page 15
3) <u>Explanation of the Content about "EU" sheet</u>	...Page 17
4) <u>Explanation of the Content about "EU Poly" sheet</u>	...Page 19
5) <u>Explanation of the Content about "China" sheet</u>	...Page 21
6) <u>Explanation of the Content about "Korea" sheet</u>	...Page 22
7)) <u>Explanation of the Content about "Other Inv" sheet</u>	...Page 24
8) <u>Explanation of the Content about "Expected reg." sheet</u>	...Page 26
9) <u>Explanation of the Content about "Product" sheet</u>	...Page 27
10) <u>Explanation of the Content about "Toxicology" sheet</u>	...Page 28
11) <u>Explanation of the Content about "Appendix" sheet</u>	...Page 30
3, <u>Contact information</u>	...Page 31
(1) <u>Where to send completed forms</u>	...Page 31
(2) <u>Inquiries about contents</u>	...Page 31

1, Introduction

Companies are increasingly being required to verify the safety of chemical substances due to mounting concerns over environmental problems and the enactment of regulations such as REACH in the E.U. that restrict the use of certain substances.

Epson aims to provide products that are better for people and the environment by checking laws and regulations concerning substance management at the material selection stage.

We seek your understanding with regard to our approach to eco-conscious product development, and we ask that you as substance and preparations manufacturers who are well-acquainted with the substances and safety data to ensure that the materials you provide meet compliance and safety requirements.

We ask for your understanding and cooperation in providing the information described below.

2, Notes about filling out forms

(1) Format

- 1) Forms are in Microsoft Excel format.
You can fill them in directly on a PC.

(2) Documents to be submitted

- 1) Print out and sign the "Submission" sheet in the Excel file, and send the original to Epson.

(3) Notes about entering product names

- 1) For single substances, enter the substance name in the Product Name field.
- 2) For compounds containing multiple substances, enter the name of the product that you deliver to Epson in the Product Name field.
- 3) Housing materials and film materials used for ribbon cartridges and toner cartridges are exempt from this survey.
For ribbon cartridges, check the compliance of the ink used. For toner cartridges, check the compliance of the toner used.
For the product name, enter the name of the product that you deliver to Epson (S code/# code) and the name of the ink and toner used.
(For example, Ink used in Sxxxxxx: XX)

2, Notes about filling out forms

(4) Answers that can be omitted

As a general rule, you should enter the names of all substances in compositions on the “Basic Info” sheet, along with their amounts and CAS numbers.

If you have provided the CAS registration number (CAS RN) for the substance, **you only need to answer the following mandatory items. You can skip all others.**

Items for which answers are mandatory

- 1) All items on the “Basic Info” sheet
- 2) Only items in the “Export Administration Regulations” column on the “U.S.A.” sheet
- 3) Only items in the Registration information of “EU Regulation (EC) No. 1907/2006 (REACH)” and “Biocidal Products Regulation” column on the “EU” sheet
- 4) All items on the “EU Poly” sheet
- 5) Only items in the “K-REACH” column on the “Korea” sheet
- 6) Only items in the “Use raw materials derived from animal fats and oils” column on the “Expected reg.” sheet.
- 7) All items on the “Toxicology” sheet
- 8) All items on the “Product” sheet
- 9) Any additional information that is required on the “Appendix” sheet

* Please enter the CAS RN listed in each country’s inventory. If there are multiple CAS RNs, please enter all of them.

2, Notes about filling out forms

(5) Enter the basic information

- 1) On the “Basic Info” sheet, fill out the fields in the following categories:
 1. Product Name, 2. Date, and 3. Company Information.

Compliance Certificate

1, Product Name

Product name	Please fill out the product name.
--------------	-----------------------------------

2, Date

Date	Please fill out the date (YYYY/MM/DD).
------	--

3, Company Information

Company address	Please fill out the your company address.
Phone number	Please fill out the telephone number of your company.
Company name	Please fill out the your company name.
Division name	Please fill out your division name.
Position	Please fill out position of responsible person.
Name of responsible person	Please fill out name of responsible person.

2, Notes about filling out forms

(5) Enter the basic information

- 2) On the "Basic Info" sheet, fill out the fields in the following categories:
4.Contact Person, and 3.Requester to the sheet "basic info".

4, Contact Person

Phone number	Please fill out phone number of contact person.
E-mail address	Please fill out E-mail address of contact person.
Company name	Please fill out your company name.
Division name	Please fill out division name of contact person.
Contact person	Please fill out name of contact person.

5, Requester

Company name	Seiko Epson Corporation
Requester's Division name	Please fill out requester's division name.
Requester's name	Please fill out requester's name.

2, Notes about filling out forms

(5) Enter the basic information

3) On the “Basic Info” sheet, fill out the fields in the following categories:

6, Component information (Please fill in so that the total content will be 100%.)

Substance name	Content (% by weight)	CAS RN	Intentional addition or impurities
			10: Intentional addition 11: Intentional addition (Designated by Seiko Epson) 20: (impurities)
Carbon black	15.00%	1333-86-4	10: Intentional addition
Glycerin	80.00%	56-81-5	10: Intentional addition
Additive	5.00%	Confidential	11: Intentional addition (Designated by Seiko Epson)

1) Under “6. Component Information” enter the names of all constituent substances, along with their content (% by weight) and CAS RN.

2) The percentages by weight should add up to 100%.

3) If you cannot disclose a substance name, amount, or CAS RN, provide what information you can, as shown in the example below

Example

Substance name	Amount	CAS No.
Surfactant A	10%-5%	Not disclosed
Polymer B	15%-10%	Not disclosed
Substance C	75%-65%	Not disclosed

4) If you can disclose the CAS numbers of constituent ingredients, you can omit some answers.

* [See page 5 of this presentation.](#)

5) Intentional addition or impurities

- If you enter 100% of the composition and listed impurities, select “20: (Impurities)”

- For substances and products designated by Seiko Epson Corp. (SEC), enter the substance name or product name, and select “11: Intentional addition (Designated by Seiko Epson)”

In this case, you do not need to fill out any other sheets.

2, Notes about filling out forms

(5) Enter the basic information

4) The product name and composition information entered in the sheet "basic info" are copied to other sheets.

Compliance Certificate

Product name			Japan		
			New Chemicals/Substance listed in Inventory		
Substance name	Content (% by weight)	CAS RN	The Law Concerning the Examination and Regulation of Manufacture, Etc. of Chemical Substances (Law No. 117 of 1973, "Chemical Substance Control Law" or "CSCL")	CSCL METI Number	The Industrial Safety Law" or
			10:The substance is listed on the inventory of Existing and New Chemicals (ENCS). 20:New chemical substance 21:New chemical substance(Low production volume application) 22:New chemical substance(Small amount new application) 30:Notified(Not published in official daily gazette) 40:Meets polymer category to be exempted from notification 90:Exempt from this regulation.	Please fill in the METI Number.	10:The substance is listed on the inventory of Existing and New Chemicals (ENCS). 20:New chemical substance 21:New chemical substance(Low production volume application) 30:Notified(Not published in official daily gazette) 40:Meets polymer category to be exempted from notification 90:Exempt from this regulation.
Carbon black	15.00%	1333-86-4			
Glycerin	80.00%	56-81-5			
Additive	5.00%	Confidential			

You don't need to enter it except for the "basic info" sheet.

2, Notes about filling out forms

(6) Entering new chemicals/substances listed in inventory, and selecting applicable regulations

Provide information about new and existing constituent chemicals/substances, as well as the regulatory information on the respective sheets.

Compliance Certificate					
Product name					
Substance name	Content (% by weight)	CAS RN	The Law Concerning the Examination and Regulation of Manufacture, Etc. of Chemical Substances (Law No. 117 of 1973, "Chemical Substance Control Law" or "CSCL")	CSCL METI Number	The Inc No. 57 of
			Japan New Chemicals/Substance listed in Inventory		
			20:New chemical substance 21:New chemical substance(Low production volume application) 22:New chemical substance(small amount new application) 30:Notified(Not published in official daily gazette) 40:Meets polymer category to be exempted from notification 90:Exempt from this regulation.	Number.	20:New 21:New exemptio 30:Notif gazette) 40:Meets from not 90:Exem
Carbon black	15.00%	1333-86-4	90:Exempt from this regulation.		
Glycerin	80.00%	56-81-5	10:The substance is listed on the inventory of Existing and New Chemicals (ENCS).	2-242	
Additive	5.00%	Confidential	21:New chemical substance(Low production volume application)	Confidential	

Select it among the these pulldown menu.

Click the cell, and select from the drop-down list or directly type . Please enter about the substances listed on the left.

2, Notes about filling out forms

1) Explanation of the Content about "Japan" sheet

	Regulation	Pulldown menu	Explanation of options
New Chemicals/Substance listed in Inventory	The Law Concerning the Examination and Regulation of Manufacture, Etc. of Chemical Substances (Law No. 117 of 1973, "Chemical Substance Control Law" or "CSCL")	10:The substance is listed in the inventory of Existing and New Chemical (ENCS).	- The substance is listed in the inventory of Existing and New Chemical (ENCS). - The substance has been notified and published in an official gazette.
		20:New chemical substance	- The substance is not listed on the inventory of Existing and New Chemical (ENCS).
		21:Low Volume New Chemical Substances	- It is an new substance and made a request for low volume new chemical substances.
		22:Low Production Volume New Chemical Substances	- It is an new substance and made a request for low production volume new chemical substances
		30:Notified(Not published in official daily gazette)	- The substance is new and has been notified but has not been published in an official gazette. - When it has been published in an official gazette, please amend the certificate.
		40:The polymer exemption applies to the substance.	- The polymer exemption applies to the substance
		90:Exempt from this regulation.	- This substance exempts from this regulation.
	CSCL METI Number		- Directly type in the METI number. - If it is confidential information, enter "Confidential."
	The Industrial Safety and Health Law (Law No. 57 of 1972, "Industrial Safety and Health Law" or "ISHL")	10:The substance is listed in the ISHL inventory	- The substance is listed in the ISHL inventory. - The substance has been notified and published in an official gazette.
		20:New chemical substance	- The substance is not listed in the ISHL inventory.
		21:Low Volume New Chemical Substances	- It is an new substance and made a request for low volume new chemical substances.
		30:Notified(Not published in official daily gazette)	- The substance is new and has been reported but has not yet been published in an official gazette.
		40:The polymer exemption applies to the substance.	- The polymer exemption applies to the substance
		90:Exempt from this regulation.	- This substance exempts from this regulation.

<URL :Please note "Disclaimer" of each web site. >

NITE Chemical Risk Information Platform (CHRIP) : https://www.nite.go.jp/en/chem/chrip/chrip_search/systemTop

J-CHECK : http://www.safe.nite.go.jp/jcheck/top.action?request_locale=en

The Industrial Safety and Health Law (Japanese): http://anzeninfo.mhlw.go.jp/anzen_pg/KAG_FND.aspx

2, Notes about filling out forms

	Regulation	Pull-down menu	Explanation of options
Regulation	CSCL Class I or II Specified Chemical Substance	10:Not regulated, evidently	- It has been verified that the substance is not regulated. There is evidence that can be presented.
		11:Not regulated, logically	- It can logically be assumed that the substance is not regulated. The basis for the assumption can be presented.
		12:Not regulated, below BAT value	- The BAT rule applies, government authorities allow the substance to be included for operational reasons, and the concentration is below the BAT value.
		21:Class I Specified Chemical 22:Class II Specified Chemical	- The substance is listed in the Class I Specified Chemical list. - The substance is listed in the Class II Specified Chemical list.
	CSCL Monitoring or Priority Assessment or Specific General chemical substance	10:Not regulated	- It has been verified that the substance is not regulated.
		21:Monitoring Chemical Substance	- The substance is listed in the Monitoring Chemical Substance list.
		22:Priority Assessment Chemical Substances (PACS)	- The substance is listed in the Priority Assessment Chemical Substances (PACS) list.
		23:Specific General Chemical substance	- The substance is listed in the Specific General chemical substance list.
	Export Control Order (List No.1 §1~15, List No.2)	10:Not regulated	- It has been verified that the substance is not regulated.
		20:Regulated	- It has been verified that the substance is regulated.
	PRTR Law	10:Not regulated	- It has been verified that the substance is not regulated.
		21:Specified Class I	- The substance is listed in the Specified Class I list. It contains more than 0.1%.
		22:Class I	- The substance is listed in the Class I list. It contains more than 1%.
		23:Class II	- The substance is listed in the Class II list. It contains more than 1%.

<URL :Please note "Disclaimer" of each web site. >

NITE Chemical Risk Information Platform (CHRIP) : https://www.nite.go.jp/en/chem/chrip/chrip_search/systemTop

PRTR Law: http://www.meti.go.jp/policy/chemical_management/law/index.html

2, Notes about filling out forms

Regulation	Regulation	Pulldown menu	Explanation of options
Regulation	ISHL Prohibition on Manufacture and Permit Required for Manufacturing under Article 55 and 56.	10:Not regulated	- It has been verified that the substance is not regulated.
		21:Prohibition on Manufacture	- The substance is listed in the Prohibition on Manufacture list.
		22:Permit Required for Manufacturing	- The substance is listed in the Permit Required for Manufacturing list.
	ISHL Labeling under Article 57-1 and Notice (MSDS) under Article 57-2	10:Not regulated	- It has been verified that the substance is not regulated.
		21:Labeling and Notice (MSDS)	- The substance is listed in the Labeling and Notice (MSDS) list. It contains more than the threshold.
		22:Labeling	- The substance is listed in the Labeling list. It contains more than the threshold.
		23:Notice (MSDS)	- The substance is listed in the Notice (MSDS) list. . It contains more than the threshold.
	ISHL Strong Mutagenic Chemical Substances	10:Not regulated	- The substance has been reported pursuant to item 4, Article 57 of the Industrial Safety and Health Act and has not been found to be highly mutagenic, or it is an existing substance that has not been found to be highly mutagenic in national tests, etc.
		20:Regulated	- The substance has been reported pursuant to item 4, Article 57 of the Industrial Safety and Health Act and has been found to be highly mutagenic, or it is an existing substance that has been found to be highly mutagenic in national tests, etc.
	ISHL Ordinance on Prevention of Hazards Due to Specified: Class 2 and 3 substances	10:Not regulated	- It has been verified that the substance is not regulated.
		21:Class 2	- The substance is listed in the Class 2 list.
		22:Class 3	- The substance is listed in the Class 3 list.
	ISHL Ordinance on the Prevention of Organic Solvent Poisoning: Class1, 2, 3 substances	10:Not regulated	- It has been verified that the substance is not regulated.
21:Class 1		- The substance is listed in the Class 1 list.	
22:Class 2		- The substance is listed in the Class 2 list.	
23:Class 3		- The substance is listed in the Class 3 list.	

<URL :Please note "Disclaimer" of each web site. >

NITE Chemical Risk Information Platform (CHRIP) : https://www.nite.go.jp/en/chem/chrip/chrip_search/systemTop

ISHL Labeling under Article 57-1 and Notice (MSDS) under Article 57-2: <http://anzeninfo.mhlw.go.jp/anzen/gmsds/gmsds640.html>

ISHL Strong Mutagenic Chemical Substances : <http://anzeninfo.mhlw.go.jp/user/anzen/kag/ankgc02.htm>

2, Notes about filling out forms

	Regulation	Pulldown menu	Explanation of options
Regulation	Poisons and Deleterious Substances Control Law	10:Not regulated	- It has been verified that the substance is not regulated.
		21:poisons substance	- The substance is listed in the poisons substance list. It contains more than the threshold.
		22:Deleterious substance	- The substance is listed in the Deleterious substance list. It contains more than the threshold.
	Narcotics and Psychotropics Control Act	10:Not regulated	-It has been verified that the substance is not regulated.
		20:Regulated	-It has been verified that the substance is regulated.
	Act on Control of Household Products Containing Harmful Substances	10:Not regulated	-It has been verified that the substance is not an azo dye which readily produces a specific aromatic amine.
20:Regulated		-It has been verified that the substance is an azo dye which readily produces a specific aromatic amine.	

<URL :Please note "Disclaimer" of each web site. >

NITE Chemical Risk Information Platform (CHRIP) : https://www.nite.go.jp/en/chem/chrip/chrip_search/systemTop

Ministry of Health, Labor and Welfare (Narcotics and Psychotropics Control Act) :

https://www.mhlw.go.jp/stf/seisakunitsuite/bunya/kenkou_iryuu/iyakuhin/yakubuturanyou/index.html

Ministry of Health, Labor and Welfare (Act on Control of Household Products Containing Harmful Substances) :

<https://www.mhlw.go.jp/stf/seisakunitsuite/bunya/0000114934.html>

2, Notes about filling out forms

2) Explanation of the Content about "U.S.A" sheet

	Regulation	Pulldown menu	Explanation of options
New Chemicals/Substance listed in Inventory	TSCA	10:The substance is listed in TSCA Inventory (or notified PMN & NOC).	- The substance is listed in TSCA Inventory. - The substance has been notified PMN, and submitted NOC.
		20:New chemical substance	- The substance is not listed in TSCA Inventory.
		30:Notified the substance, but NOC has not been submitted yet.	- The substance has been notified PMN, and submitted NOC., but NOC has not been submitted yet.
		40:The polymer exemption applies to the substance.	- The polymer exemption applies to the substance.
		90:Exempt from this regulation.	- This substance exempts from this regulation.
	TSCA Active/Inactive	10:Active	- The substance is listed in the Active list or notified.
		20:Inactive	- The substance is listed in the Inactive list.
		99:Unknown	- unknown
	Regulation	TSCA §4(a)	10:Not regulated
20:Regulated			-It has been verified that the substance is regulated.
TSCA §5 SNUR		10:Not regulated	-It has been verified that the substance is not regulated.
		20:Regulated	-It has been verified that the substance is regulated.
TSCA §6		10:Not regulated	-It has been verified that the substance is not regulated.
		20:Regulated	-It has been verified that the substance is regulated.
TSCA §8(a) PAIR		10:Not regulated	-It has been verified that the substance is not regulated.
		20:Regulated	-It has been verified that the substance is regulated.
TSCA §12(b)		10:Not regulated	-It has been verified that the substance is not regulated.
		20:Regulated	-It has been verified that the substance is regulated.

<URL :Please note "Disclaimer" of each web site. >

TSCA Inventory : <https://www.epa.gov/tsca-inventory>

EPA (Chemview): <https://chemview.epa.gov/chemview>

2, Notes about filling out forms

	Regulation	Pulldown menu	Explanation of options
Regulation	CERCLA Hazardous Substances	10:Not regulated	-It has been verified that the substance is not regulated.
		20:Regulated	-It has been verified that the substance is regulated.
	EPCRA (SARA Title III) Section 302, Extremely Hazardous Substances	10:Not regulated	-It has been verified that the substance is not regulated.
		20:Regulated	-It has been verified that the substance is regulated.
	EPCRA (SARA Title III) Section 313, Toxic Chemical Release Inventory (TRI)	10:Not regulated	-It has been verified that the substance is not regulated.
		20:Regulated	-It has been verified that the substance is regulated.
	Clean Air Act Section 112, Hazardous Air Pollutants	10:Not regulated	-It has been verified that the substance is not regulated.
		20:Regulated	-It has been verified that the substance is regulated.
	Export Administration Regulations (EAR)	10:Not regulated	-It has been verified that the substance is not regulated.
		20:Regulated	-It has been verified that the substance is regulated.
	Export Administration Regulations (EAR) No.	If applicable, enter No.	If applicable, enter number. -Directly type in the ECCN number or EAR99
	California law Prop65	10:Not regulated	-It has been verified that the substance is not regulated.
		20:Regulated	-It has been verified that the substance is regulated.

<URL :Please note "Disclaimer" of each web site. >

CERCLA/EPCRA/Clean Air Act :

<http://www2.epa.gov/epcra-tier-i-and-tier-ii-reporting/epcracerclacaa-ss112r-consolidated-list-lists-october-2012>

Proposition 65 : <https://oehha.ca.gov/proposition-65>

2, Notes about filling out forms

3) Explanation of the Content about "EU" sheet

	Regulation	Pulldown menu	Explanation of options
New Chemicals/Substance listed in Inventory	EU Regulation (EC) No.1907/2006 (REACH) Registered	10:Manufacture(s) in the EU registered	- The substance is manufactured in Europe.
		11:Registered.(The Seiko Epson's EU importer has already registered our registrants.)	- The substance is REACH registered and has already been tied to SEC's importer.
		12:Registered. (Our registrant (OR) can control EU importers of Seiko Epson.)	- The substance is REACH registered and can be tied to SEC's importer if necessary.
		13:Registered. (Our registrant (OR) can not control EU importers of Seiko Epson)	- The substance is REACH registered, but there are no plans to tie it to SEC's importer.
		21:Not Registered. (Scheduled to register when necessary.)	- The substance is not REACH registered but can be registered if necessary.
		22:Not Registered. (There is no plan to register in the future.)	- The substance is not REACH registered, and there are no plans for registration.
		40:Polymer	It is considered a polymer. Enter monomer information on the "EU Poly" sheet only if it is regulated
	90:Exempt from this regulation.	- The substance is naturally occurring or is otherwise not subject to REACH registration.	
	EU Regulation (EC) No.1907/2006 (REACH) Tonnage	10:1-10t	- If it is registered, enter the registered range of tonnes.
		11:10-100t	
12:100-1000t			
13:≥1000t			
	20:Not Registered	- Select this if not registered.	
Supply amount		- If supply amount to SEC is restricted, please enter supply amount.	
Registration Number		- Enter the REACH registration number. If it is confidential, enter all but the last four digits of the number.	
Hazard classification according to REACH registration information	10:Not regulated	-It has been verified that the substance is not regulated.	
	20:Regulated	-It corresponds to Hazard statement.	
	Enter the hazard statement if applicable (Ex. H318, H317, etc.)	-Enter the hazard statement if applicable.	
ELINCS	10:The substance is listed in ELINCS.	- The substance is listed on the ELINCS.	
	50:The substance is listed in EINECS and NLP.	- The substance is listed on the EINECS and NLP.	
	60:Not listed in ELINCS, EINECS and NLP.	- The substance is not listed on the ELINCS , EINECS and NLP.	
	99:Unknown	- Unknown.	

<URL :Please note "Disclaimer" of each web site. > REACH/CLP/BPR(ECHA) : <https://echa.europa.eu/home>

2, Notes about filling out forms

	Regulation	Pulldown menu	Explanation of options
Regulation	CLP Annex VI	10:Not regulated	-It has been verified that the substance is not regulated.
		20:Regulated	-The substance is listed on the Annex VI of CLP.
		Enter the hazard statement if applicable (Ex. H318, H317, etc.)	-Enter the hazard statement if applicable.
	CLP EUH208	10:Not regulated	-It has been verified that the substance is not regulated.
		20:Regulated	-It has been verified that the substance is regulated.
	REACH AnnexXVII	10:Not regulated	-It has been verified that the substance is not regulated.
		20:Regulated	-It has been verified that the substance is regulated.
	REACH AnnexXIII	10:Not regulated	-It has been verified that the substance is not regulated.
		20:Regulated	-It has been verified that the substance is regulated.
	REACH Candidate list	10:Not regulated	-It has been verified that the substance is not regulated.
		20:Regulated	-It has been verified that the substance is regulated.
	BPR (EU biocidal product regulation)	10:The substance does not correspond to a substance (biocidal product)	- The substance does not correspond to a substance (biocidal product) that intentionally exterminates, controls, renders harmless, or inhibits the activity of a harmful organism
		20:The substance is approved under PT6	- The substance is approved under PT6 (Preservatives for products during storage).
		21:An application has been filed for inclusion in PT6	- An application has been filed for inclusion in PT6 (Preservatives for products during storage) list.
30:It has not been approved and an application has not been filed for inclusion		- It is a substance (biocidal product) that intentionally exterminates, controls, renders harmless, or inhibits the activity of a harmful organism, but it has not been approved and an application has not been filed for inclusion.	

<URL :Please note "Disclaimer" of each web site. >

REACH/CLP/BPR(ECHA) : <https://echa.europa.eu/home>

2, Notes about filling out forms

4) Explanation of the Content about "EU_Poly" sheet

<Ex.> In the case of a polymer, please fill in the registration information of the European REACH about the monomer that composes the polymer on the sheet "EU_Poly".

Substance name	Content (% by weight)	CAS RN	EU		
			New Chemicals/Substance listed in Inventory		
			EU Regulation (EC) No.1907/2006 (REACH)		
			Registered	Tonnage	Supplable amount
			10: Manufacture(s) in the EU registered 11: Registered. (The Seiko Epson's EU importer has already registered our registrants.) 12: Registered. (Our registrant (OR) can control EU importers of Seiko Epson.) 13: Registered. (Our registrant (OR) can not control EU importers of Seiko Epson) 21: Not Registered. (Scheduled to register when necessary.) 22: Not Registered. (There is no plan to register in the future.) 40: Polymer 90: Exempt from this regulation.	10: 1-10t 11: 10-100t 12: 100-1000t 13: ≥1000t 20: Not Registered	If supply amount to SEC is restricted, please enter supply amount.
Carbon black	20.00%	1333-86-4	90: Exempt from this regulation.		
Polymer A	30.00%	56-81-5	40: Polymer		
Polymer B	50.00%	Confidential	40: Polymer		

REACH Polymer Sheet

Monomer name	Polymer name	Content (% by weight)	CAS RN	EU	
				New Chemicals/Substance listed in Inventory	
				EU Regul	
				Registered	
				10: Manufacture(s) in the EU registered 11: Registered. (The Seiko Epson's EU importer has already registered our registrants.) 12: Registered. (Our registrant (OR) can control EU importers of Seiko Epson.) 13: Registered. (Our registrant (OR) can not control EU importers of Seiko Epson) 21: Not Registered. (Scheduled to register when necessary.) 22: Not Registered. (There is no plan to register in the future.)	
Polymer A	Monomer c	50.00%	123-45-6	10: Manufacture(s) in the EU registered	
Polymer A	Monomer d	50.00%	Confidential	12: Registered. (Our registrant (OR) can control EU importers of Seiko Epson.)	
Polymer B	Monomer e	30.00%	Confidential	21: Not Registered. (Scheduled to register when necessary.)	
Polymer B	Monomer d	70.00%	Confidential	22: Not Registered. (There is no plan to register in the future.)	

Please fill out the polymer name.

Please fill out the name of the monomer that constitutes the polymer.

Select about the monomer..

2, Notes about filling out forms

	Regulation	Pulldown menu	Explanation of options
New Chemicals/S ubstance listed in Inventory	EU Regulation (EC) No.1907/2006 (REACH) Registered of monomer	10:Manufacture(s) in the EU registered	- The substance is manufactured in Europe.
		11:Registered.(The Seiko Epson's EU importer has already registered our registrants.)	- The substance is REACH registered and has already been tied to SEC's importer.
		12:Registered. (Our registrant (OR) can control EU importers of Seiko Epson.)	- The substance is REACH registered and can be tied to SEC's importer if necessary.
		13:Registered. (Our registrant (OR) can not control EU importers of Seiko Epson)	- The substance is REACH registered, but there are no plans to tie it to SEC's importer.
		21:Not Registered. (Scheduled to register when necessary.)	- The substance is not REACH registered but can be registered if necessary.
		22:Not Registered. (There is no plan to register in the future.)	- The substance is not REACH registered, and there are no plans for registration.
		90:Exempt from this regulation.	- The substance is naturally occurring or is otherwise not subject to REACH registration.
	EU Regulation (EC) No.1907/2006 (REACH) Tonnage of monomer	10:1-10t	- If it is registered, enter the registered range of tonnes.
		11:10-100t	
		12:100-1000t	
13:≥1000t			
	20:Not Registered	- Select this if not registered.	
Registration Number of monomer		- Enter the REACH registration number. If it is confidential, enter all but the last four digits of the number.	

<URL :Please note "Disclaimer" of each web site. >

REACH/CLP/BPR(ECHA) : <https://echa.europa.eu/home>

2, Notes about filling out forms

5) Explanation of the Content about "China" sheet

	Regulation	Pulldown menu	Explanation of options
New Chemicals/Substance listed in Inventory	China Provisions on the Environmental Administration of New Chemical substances	10:The substance is listed in the Inventory of the Existing Chemical Substances in China	-The substance is listed in China Existing Chemicals.
		20:New chemical substance	-The substance is not listed in China Existing Chemicals.
		21:The substance have imported in China before October 14, 2003.	-The substance have imported in China before October 14, 2003.
		30:Notified, but not registered the Inventory yet	-The substance is new but has already been registered the Inventory yet.
		40:The polymer exemption applies to the substance.	- The polymer exemption applies to the substance.
		90:Exempt from this regulation.	- This substance exempts from this regulation
Regulation	Toxic Chemicals Severely Restricted for Import and Export	10:Not regulated	-It has been verified that the substance is not regulated.
		20:Regulated	-It has been verified that the substance is regulated.
	Hazardous Chemicals Control Ordinance Hazardous Chemicals	10:Not regulated	-It has been verified that the substance is not regulated.
		20:Regulated	-It has been verified that the substance is regulated.
	Highly Toxic Chemicals	10:Not regulated	-It has been verified that the substance is not regulated.
		20:Regulated	-It has been verified that the substance is regulated.

<URL :Please note "Disclaimer" of each web site. >

Inventory of the Existing Chemical Substances in China (2013):

http://www.mee.gov.cn/gkml/hbb/bgg/201301/t20130131_245810.htm

Toxic Chemicals Severely Restricted for Import and Export :

http://www.mepscc.cn/ggzc/bszn/wx_yd_hxpjl/zcfg/201808/t20180808_451118.shtml

2, Notes about filling out forms

6) Explanation of the Content about "Korea" sheet

	Regulation	Pulldown menu	Explanation of options
New Chemicals/Substance listed in Inventory	Korea Act on the Registration and Evaluation, etc. of Chemical Substances (ARECs / K-REACH)	10:The substance is listed in Korean Existing Chemicals.(Registered)	- It is an existing chemical substance and registered. *Select 12 for registered phase-in substances. phase-in substances are substances in the list of existing chemical substances to be registered - The substance is new but has already been registered.
		11:The substance is listed in Korean Existing Chemicals.(pre-registration)	- It is an existing substance and it has been Pre-registered.
		12:Phase-in substances. (Registered)	- The substance is the phase-in substances and has been registered. *phase-in substances are substances in the list of existing chemical substances to be registered
		20:New chemical substance	- The substance is not listed on the inventory of Existing and New Chemical
		21:Phase-in substances. (Not registered)	- The substance is phase-in substances but has not been registered.
		22:The substance is listed in Korean Existing Chemicals. (Not pre-registered)	- It is an existing substance but it has not been pre-registered
		30:New chemical substance. (Declared)	- The substance is not listed on the inventory of Existing and New Chemical and it has been declared.
		40:The polymer exemption applies to the substance.	- The polymer exemption applies to the substance.
		41:The polymer exemption applies to the substance.(An exemption verification application has been filed.)	- The polymer exemption applies to the substance, and an exemption verification application has been filed.
		42:The polymer exemption not applies to the substance.(The polymer exemption under the old TCCA)	- An exemption was applied for as a substance that was eligible for the polymer exemption under the old TCCA, but the substance is not eligible for the polymer exemption under the amended K-REACH.
	90:Exempt from this regulation.	- This substance exempts from this regulation.	
	Korea Industrial Safety and Health Law	10:The substance is listed in Korean Existing Chemicals	- The substance is registered on a list of existing chemical substances.
		20:New chemical substance	- It is not an existing substance.
		30:Notified	- The substance is new but has already been Notified.
		40:The polymer exemption applies to the substance.	- The polymer exemption applies to the substance.
		90:Exempt from this regulation.	- This substance exempts from this regulation (ISHL) .

<URL :Please note "Disclaimer" of each web site. >

KOREA National Chemicals (NCIS) : <http://ncis.nier.go.kr/main.do>

2, Notes about filling out forms

	Regulation	Pulldown menu	Explanation of options
Regulation	(ARECs / K-REACH/ CCA) Prohibited Substance	10:Not regulated	-It has been verified that the substance is not regulated.
		20:Regulated	-It has been verified that the substance is regulated.
	(ARECs / K-REACH/ CCA) Restricted substance	10:Not regulated	-It has been verified that the substance is not regulated.
		20:Regulated	-It has been verified that the substance is regulated.
	(ARECs / K-REACH/ CCA) Authorized substances	10:Not regulated	-It has been verified that the substance is not regulated.
		20:Regulated	-It has been verified that the substance is regulated.
	(ARECs / K-REACH/ CCA) Toxic substance	10:Not regulated	-It has been verified that the substance is not regulated.
		20:Regulated	-It has been verified that the substance is regulated.
	(ARECs / K-REACH/ CCA) Substance requiring preparation for accidents	10:Not regulated	-It has been verified that the substance is not regulated.
		20:Regulated	-It has been verified that the substance is regulated.
	(ARECs / K-REACH/ CCA) CMR substances	10:Not regulated	-It has been verified that the substance is not regulated.
		20:Regulated	-It has been verified that the substance is regulated.
	(ARECs / K-REACH/ CCA) Priority control substance	10:Not regulated	-It has been verified that the substance is not regulated.
		20:Regulated	-It has been verified that the substance is regulated.

<URL :Please note “Disclaimer” of each web site. >

KOREA National Chemicals Information System (NCIS) : <http://ncis.nier.go.kr/main.do>

2, Notes about filling out forms

7) Explanation of the Content about "Other_Inv" sheet

	Regulation	Pulldown menu	Explanation of options
New Chemicals/Substance listed in Inventory	Australia Industrial Chemicals (Notification and Assessment) Act	10:The substance is listed in AICS Inventory.	-The substance is listed in AICS Inventory.
		21:New chemical substance(Nanomaterial)	- The substance is new and is considered to be a nanomaterial. (Please check whether the substance is considered to be a nanomaterial as defined by NICNAS.)
		22:New chemical substance(Not Nanomaterial)	- The substance is new and is not considered to be a nanomaterial. (Please check whether the substance is considered to be a nanomaterial as defined by NICNAS. If it is not, you may be asked to provide evidence.)
		31:Notified STD	- The substance is new, but has already been notified STD
		32:Notified LTD	- The substance is new, but has already been notified LTD
		33:Notified PLC	- The substance is new, but has already been notified PLC
		40:The polymer exemption applies to the substance.	- The polymer exemption applies to the substance.
		90:Exempt from this regulation.	- This substance exempts from this regulation.
		New Zealand NZIoC	10:The substance is listed in NZIoC Inventory.
	20:New chemical substance		-The substance is not listed in NZIoC Inventory.
	90:Exempt from this regulation.		- This substance exempts from this regulation.
	Philippine PICCS	10:The substance is listed in PICCS Inventory.	-The substance is listed in PICCS Inventory.
		20:New chemical substance	-The substance is not listed in PICCS Inventory.
		30:Notified the substance, but NOC has not been submitted yet.	- The substance notified the substance, but NOC has not been submitted yet.
		40:The polymer exemption applies to the substance.	- The polymer exemption applies to the substance.
90:Exempt from this regulation.		- This substance exempts from this regulation.	

<URL :Please note "Disclaimer" of each web site. >

Australia AICS : <https://www.nicnas.gov.au/chemical-inventory>

New Zealand NZIoC : <https://www.epa.govt.nz/database-search/new-zealand-inventory-of-chemicals-nzioc/>

Philippine PICCS : http://chemical.emb.gov.ph/?page_id=138

2, Notes about filling out forms

	Regulation	Pulldown menu	Explanation of options
New Chemicals/Substance listed in Inventory	Canada DSL/NDSL	10:The substance is listed in DSL.	-The substance is listed in DSL Inventory.
		20:New chemical substance	-The substance is not listed in DSL Inventory.
		30:The substance is listed in NDSL	-The substance is listed in NDSL Inventory.
		41:Polymer (The polymer exemption applies to the substance.)	- Polymer (The polymer exemption applies to the substance.)
		42:Polymer (The polymer exemption not applies to the substance.)	- Polymer (The polymer exemption not applies to the substance.)
		90:Exempt from this regulation.	- This substance exempts from this regulation.
	Ontario,Canada	10:The substance is listed in the Inventory of the Existing Chemical Substances	-The substance is listed in Inventory of the Existing Chemical Substances .
		20:New chemical substance	-The substance is not listed in Ontario's Inventory.
		90:Exempt from this regulation	- This substance exempts from this regulation.
		99:Unknown	- Unknown
	Taiwan	10:The substance is listed in the Inventory of the Existing Chemical Substances	-The substance is listed in Inventory of the Existing Chemical Substances
		20:New chemical substance	-The substance is not listed in Taiwan's Inventory.
90:Exempt from this regulation		- This substance exempts from this regulation.	

<URL :Please note "Disclaimer" of each web site. >

DSL/NDSL : <http://www.ec.gc.ca/lcpe-cepa/default.asp?lang=En&n=EE479482-1>

DSL/NDSL (Substance search) : <https://pollution-waste.canada.ca/substances-search/Substance?lang=en>

Ontario, Canada : http://www.e-laws.gov.on.ca/html/regs/english/elaws_regs_900852_e.htm

Taiwan (CSNN) : <https://csnn.osha.gov.tw/content/home/index.aspx>

2, Notes about filling out forms

8) Explanation of the Content about "Expected_reg." sheet

	Regulation	Pulldown menu	Explanation of options
Expected regulations in near future	Substances classified as carcinogenic, mutagenic and reproduction*1	10:Not applicable	-It has been verified that the substance is not applicable.
		20:Applicable	-It has been verified that the substance is applicable.
	REACH CLH substances*2	10:Not applicable	-It has been verified that the substance is not applicable.
		20:Applicable	-It has been verified that the substance is applicable.
		Enter the recommended hazard statement if applicable (Ex. H318, H317, etc.)	- Enter the recommended hazard statement if applicable.
	Raw materials derived from animal fats and oils are used.(Answer in the case of glycerin.)	10:Not applicable	Answer in the case of glycerin. - Raw materials derived from animal fats and oils are not used.
		20:Applicable	Answer in the case of glycerin. - Raw materials derived from animal fats and oils are used.

*1:Carcinogenic substance which are classified as carcinogenic, suspected of having a carcinogenic potential according to the following:

- (a)IARC : Group 1 , 2 A, 2 B (b)Japan Society for Occupational Health : Category 1, Category 2
- (c)ACGIH : A1,A2 (d)EPA : A,B,C (e)NTP : Substances that is known to be human carcinogens, substances that is reasonably anticipated to be human carcinogens
- (f)MAK list : MAK 1 ,2,3A,3B (g)TRGS 905 : Substances classified as carcinogenic, mutagenic and reproduction

IARC <http://www.inchem.org/pages/iarc.html>

Japan Society for Occupational Health <https://www.sanei.or.jp/?mode=view&cid=309>

NTP <https://ntp.niehs.nih.gov/>

*2: REACH CLH substances

Substances in the list of Registry of CLH intentions until outcome published on ECHA's website

Registry of CLH intentions until outcome

<https://echa.europa.eu/registry-of-clh-intentions-until-outcome>

2, Notes about filling out forms

(9) Explanation of the Content about "Product" sheet

Regulation	Regulation	Pulldown menu	Explanation of options		
Regulation	Japan Fire Service Law	10:Not regulated	-It has been verified that the product is not regulated.		
		21:Category I oxidizing solids	-That product is category I oxidizing solids.		
		22:Category II combustible solids	-That product is category II combustible solids.		
		31:Category III spontaneously combustible substances and and water-reactive substances	-That product is category III spontaneously combustible substances and and water-reactive substances.		
		41:Category IV inflammable liquids special special inflammable material	-That product is category IV inflammable liquids special special inflammable material.		
		42:Category IV inflammable liquids alcohols	-That product is category IV inflammable liquids alcohols.		
		43:Category IV inflammable liquids Class I petroleums Water solubility	-That product is category IV inflammable liquids class I petroleums water solubility.		
		44:Category IV inflammable liquids Class I petroleums Non-water solubility	-That product is category IV inflammable liquids class I petroleums non-water solubility.		
		45:Category IV inflammable liquids Class II petroleums Water solubility	-That product is category IV inflammable liquids class II petroleums water solubility.		
		46:Category IV inflammable liquids Class II petroleums Non-water solubility	-That product is category IV inflammable liquids class II petroleums non-water solubility.		
		47:Category IV inflammable liquids Class III petroleums Water solubility	-That product is category IV inflammable liquids class III petroleums water solubility.		
		48:Category IV inflammable liquids Class III petroleums Non-water solubility	-That product is category IV inflammable liquids class III petroleums non-water solubility.		
		49:Category IV inflammable liquids Class IV petroleums	-That product is category IV inflammable liquids class IV petroleums.		
		40:Category IV inflammable liquids oil extracted from animals and plants	-That product is category IV inflammable liquids oil extracted from animals and plants.		
		51:Category V self-reactive substances	-That product is category V self-reactive substances.		
		61:Category VI oxidizing liquids	-That product is category VI oxidizing liquids.		
		71:Designated flammable goods	-That product is designated flammable goods.		
		Regulation	China Decree of the State Administration of Work Safety (No.60) Measures for Administration of Identification and Classification of Physical Hazards of Chemicals	10:Done Identification.(Non-hazardous product)	-It has been done chemical Identification, it is non-hazardous product.
				11:Done Identification.(Hazardous product)	-It has been done chemical Identification, it is hazardous product.
20:Not yet done Identification	-It has been not done chemical Identification.				

2, Notes about filling out forms

(10) Explanation of the Content about "Toxicology" sheet

- Submission of Ames test data is mandatory.

Enter the product name if an Ames test was carried out on the product (compound).
Enter the substance name if the test results were for a substance.

Test martial				
Toxicology Information (Indispensable data)				
Study	Methods			Results
Selection item	Methods	GLP or Non-GLP	Other methods	
	10:5 strains 20:No Data 30:Others	10:GLP 20:Non-GLP	Please fill in the method when you choose others.	10:Negative 20:Positive 30:No Data
Ames assay	10:5 strains	10:GLP		10:Negative

Select the GLP or Non-GLP.

Select the Ames test result.

Select the Ames test method.
If you select 30: Other, enter the test method in the blank cell.

2, Notes about filling out forms

- Please answer if you have acute oral toxicity, acute dermal toxicity, acute inhalation toxicity, skin irritation, eye irritation, or skin sensitization study information.

Enter the product name if the test was carried out on the product (compound).
Enter the substance name if the test results are for a substance.

Toxicology Information (Possessive data)						
Study	Methods			Results		Classification on GHS
	Methods	GLP or Non-GLP	Other methods	LD50[mg/kg]	Animals	
Selection item	10:OECD Test Guideline No.423 20:No Data 30:Others	10:GLP 20:Non-GLP	Please fill in the method when you choose others.	Please fill in the results of LD50	Please fill in the target animals	Please fill in the Classification on GHS
Acute oral toxicity	10:OECD Test Guideline No.423	10:GLP		> 5000	Rat	5

Select the test Guideline.

Enter the test results.
If an alternative method, etc., was used and a GHS classification was determined, enter that information in the "Classification on GHS" field.

Toxicology Information (Possessive data)						
Study	Methods			Results	Animals	Classification on GHS
	Methods	GLP or Non-GLP	Other methods			
Selection item	10:OECD Test Guideline No.402 20:No Data 30:Others	10:GLP 20:Non-GLP	Please fill in the method when you choose others.	Please fill in the results of LD50	animals	on GHS
Acute dermal toxicity						

2, Notes about filling out forms

(11) Explanation of the Content about "Appendix" sheet

Compliance Certificate

Product name	
--------------	--

If you have any additional information, fill out the fields in the following or attach next page.

Appendix

- If you have other additional information, either provide it on the Appendix sheet or attach documentation.
- If a change has occurred that affects a Compliance Certificate that you have already submitted, state the nature of the change and the reasons for it when you submit a new certificate.

3, Contact information

(1) Where to send completed forms

Please send the original copy of forms to the person at Epson who asked you to complete the forms.

(2) Inquiries about contents

P Key Components Engineering & Manufacturing Department

E-mail address: Chemical_surveys@exc.epson.co.jp

For your reference:

Some URLs of each regulations are listed in each page. Please note “Disclaimer” of each web site. And please recognize your company’s own responsibility to fill this Certificate of Regulation Confirmation.

EPSON
EXCEED YOUR VISION