管理文書

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NAMICS
Green Procurement Standards Document

21st Edition

Revised : 2026/6/1

NAMICS CORPORATION
Quality Assurance Division

Introduction

NAMICS engages in various activities under the following corporate philosophy: To achieve universal satisfaction and a prosperous natural environment through creativity and innovation.

One such activity is to develop sustainable societies. NAMICS recognizes the importance of continuing to create products designed with environmental aspects in mind—so-called eco-friendly products—in keeping with various social trends, including domestic and international environmental laws and regulations. Creating eco-friendly products is an increasing customer demand and a societal obligation.

To meet this demand, NAMICS must ensure that the raw materials, indirect materials, and other materials purchased by NAMICS help reduce environmental impact. The understanding and cooperation of its business partners are essential to this effort. In 2005, NAMICS established its Green Procurement Standards Document, which specifies the activities earnestly pursued with its partners to date. The Green Procurement Standards Document is now in its 20th edition. NAMICS asks its business partners for their continued understanding and cooperation with these efforts.

Contents

1. Basic policy

1.1

Environmental Policy

Surrounded by plentiful agricultural fields, NAMICS CORPORATION is located in the eastern part of Niigata-city which has beautiful lagoons and rivers flowing into the Sea of Japan. Since being founded over 60 years ago, it has been preserving the abundant surrounding nature. Moreover, having the keyword S.E.E.D.S. (Semiconductor, Environment, Energy, Device and System), it has concentrated on the research and development of insulating and conductive materials for electronic components, and contributed to upgrading our lives and cultures with its great variety of products. Setting the following Environmental Policies as the basis of its activities, NAMICS aims at the realization of coexistence and mutual prosperity of various relations, like the relationship between society and nature.

1. NAMICS sets the Environmental Management as one of its most important projects, and takes its expanding social responsibilities through continuous improvements of its Environmental Management System to improve the environmental performance.

2. NAMICS familiarizes all employees with its Environmental Policies and encourages them to be conscious of environmental problems and to contribute to society.

3. NAMICS observes the regulations on Environmental Management. It also strives for the international cooperation based on the guidelines of related organizations, associations or those with which NAMICS has common principles, uses sustainable resource use, mitigate and adapt climate change, and protect biodiversity and ecosystem. Furthermore it aims at the prevention of pollution and disasters, and safe operation.

4. Regarding the following environmental conservation activities as the focus, NAMICS performs these environmental programs.
   4.1 Energy conservation
   4.2 Promotion of 3Rs, Reduce, Reuse, and Recycle

5. In order to reduce the environmental impact from NAMICS' products, the following is carried out.
   5.1 R&D, and design of products where environmental impact can be limited to as little as possible
   5.2 Reduction of environmental controlled chemical substances in products and the replacement of them with alternatives
   5.3 To minimize amounts of packing materials
   5.4 To strive to use environmentally-friendly materials

6. NAMICS sets medium-term environmental objectives matching with Environmental policy based on the evaluation results on the impact which NAMICS may have caused. It also plans environmental targets for each fiscal year, makes concrete action programs based on them and performs them.

NAMICS CORPORATION
Toshinobu Odajima, President

1.2

Chemical in Product Management Policy

NAMICS has established management policies for Chemicals in Products as set out below and every year sets goals based on these. To achieve these goals, we develop and implement company-wide policies, strictly observing clients' expectations and requirements and various countries' legal requirements in relation to chemical substances. Our activities also aim to reduce hazardous substances.

- NAMICS shall carry out continuous activities in order to continue to provide products which do not contain hazardous substances.
- NAMICS shall comply with Japanese and international requirements for chemical substance laws and regulations applicable to our products.

1. NAMICS is always concerned about clients' expectations and needs. Through positive communication with clients, we anticipate their requirements, gain their trust and give them satisfaction in assuring the Management of Chemicals in Products.

2. Meeting the requirements for chemical substances expected by the customer, as well as legal requirements, NAMICS will continuously improve the efficacy of our management system for Chemicals in Products.

3. Every year we will set goals for the Management of Chemicals in Products and develop these throughout all departments. As well as positively striving towards the total elimination of hazardous substances, we will check the situation every month in regards to how we are doing and take appropriate measures if necessary.

4. NAMICS will inform each and every employee of its policies and annual goals for the Management of Chemicals in Products.

5. The appropriateness of our policies and goals for the Management of Chemicals in Products will be reviewed at a management meeting held every year in May and November.

NAMICS CORPORATION
Toshinobu Odajima, President

2. Positioning of the NAMICS Green Procurement Standards Document

2.1 Objectives

To provide our customers with products that have low environmental impact and comply with chemical substance regulations, NAMICS has established the NAMICS Green Procurement Standards Document, a document that defines key issues in its relationships with business partners in the realm of materials procurement. In this way, NAMICS seeks to achieve green procurement.

2.2 Basic concept

NAMICS pursues partnerships with business partners with whom it can share activities related to the Chemical in Product Management and environmental preservation activities through the following efforts:

(1) Promoting procurement from business partners who prioritize environmental measures.

(2) Promoting the procurement of raw materials and indirect materials with low environmental impact.

(3) Promoting the procurement from suppliers who implement appropriate Chemical in Product Management.

2.3 Scope

The NAMICS Green Procurement Standards Document applies to raw materials, indirect materials, and other materials used to manufacture the products produced by NAMICS. The NAMICS Green Procurement Standards Document also applies to the parties supplying these materials.

2.4 Confidentiality

NAMICS does not disclose documents or data submitted to NAMICS by its business partners to third parties without prior approval. NAMICS abides by all laws, regulations, and other rules regarding the appropriate handling of confidential or personal information concerning or belonging to its business partners.

2.5 Revisions

The NAMICS Green Procurement Standards Document is subject to revision in response to changes in various domestic and international laws and regulations, social demands, and technological advances.

3. Definition of Terms

3.1 Raw materials, indirect materials, and other materials

These terms refer to products and materials produced by NAMICS business partners and procured by NAMICS for the purposes below.

(1) Raw materials
Materials used by NAMICS as direct constituents of NAMICS products
(Examples: resins, metal powders, glass flits, pigments, solvents, and additives)

(2) Indirect materials
Materials delivered to customers as NAMICS products, excluding (1) raw materials as defined above.
(Examples: packing materials, including containers, bags, corrugated board, buffer materials, tape, labels)

(3) Other materials
Materials purchased by NAMICS but not remaining in or contained after production in NAMICS products (finished products).
(Example: cleaning agents used in manufacturing processes)

3.2 Environmentally hazardous chemical substances and related matters

(1) Environmentally hazardous chemical substances
Substances satisfying all of the following conditions:

1) Chemical substances used by NAMICS as raw materials, indirect materials, or other materials in product manufacture
2) Chemical substances known to harm the environment or human health whose control is required under laws and regulations or self-imposed standards
3) Chemical substances specified in the related specification, "NAMICS Green Procurement Standards
Environmentally Hazardous Chemical Substances List" (the latest version).

(2) Halogen-free
When things including halogen are incinerated, they often denature to hazardous substances, for instance, to generate dioxin. The movement to provide halogen-free products has been promoted in recent years.

NAMICS has been aiming at the increase of the ratio of halogen-free products and sets the threshold limits as follows in accordance with the IEC61249-2-21.

Cl＜900 ppm、Br＜900 ppm、Cl＋Br＜1500 ppm

Though these criteria are not the requirements to our business partners, we require you to provide the latest halogen content information so that NAMICS sustains its operations and businesses.

3.3 Regulated substances, restricted substances and managed substances
(1) Regulated substances

1) Level 1: Regulated substances whose inclusion in items purchased by NAMICS at or above the threshold limit is not accepted.

2) Level 2: Regulated substances whose presence in products is permitted only if specific conditions are met, but the inclusion at or above threshold limit is prohibited like those classified as Level 1.

In cases where technical factors (e.g., absence of alternative materials) necessitate the use of such substances, such substances shall be managed in accordance with environmental and regulatory trends, with consideration for future transition to Level 1, and efforts shall be made to avoid or reduce their inclusion in products to the maximum extent possible.

(2) Restricted substances
Refers to substances whose use does not need to be immediately prohibited at present, but is restricted due to NAMICS customer requirements.

(3) Managed substances
Refers to substances whose inclusion does not need to be prohibited nor regulated, but that require the knowledge of data on presence and, if present, the concentrations at which they are present. These substances are subject to surveys when used intentionally or if they are known to be contained in materials. (Example: chemSHERPA declarable substances)

3.4 Threshold limits, inclusion, and related topics
(1) Threshold limits
Threshold limits are the maximum limit of concentration of chemical substances contained in a homogeneous material.
1) A "homogeneous material" is a material that cannot be mechanically divided into separate materials.

2) “To divide mechanically” means to separate the material by mechanical means; for example, by unscrewing, cutting, crushing, grinding, or polishing.

(2) Contained (Inclusion)
The substance contained in raw materials or indirect materials due to intentional or unintentional addition, filling, mixing, or adhesion.

(3) Known inclusion
Refers to the state in which the inclusion of an Environmentally Hazardous Chemical Substance(s) is informed by a supplier or is confirmed based on some data.

(4) Intentional use
Refers to the intentional use of a chemical substance in a raw material, an indirect material, or when manufacturing other materials in order to realize specific characteristics, appearance, or quality. However, the case shall be excluded where the used substance is not present in a finished product.

(5) Compliance
Refers to the state in which regulated substances are not included, or the included amount is below the threshold limit.

(6) Impurity
An impurity is a substance contained in natural materials and not removable by current methods or techniques via refining processes; or a chemical substance unintentionally formed as a byproduct in synthesizing processes; or a chemical substance remaining unreacted and not removable by current methods or techniques.

4. Criteria for managing environmentally hazardous chemical substances
Refer to the related specification, “NAMICS Green Procurement Standards Environmentally Hazardous Chemical Substances List”.

5. Requirements for environmentally hazardous chemical substances
NAMICS requires its business partners to meet the following requirements:
When the vendor is not the manufacturer, NAMICS requires the manufacturer to meet the requirements. In this case, the manufacturer shall be in charge of the procedure required for the vendor in the following.

5.1 Guarantee of compliance
Guarantee that regulated substances are not included, or the included amount is below the threshold limit

5.2 Content of Environmentally Hazardous Chemical Substances and corrective action plan for abolition
(1) If the products contain a regulated substance, inform NAMICS of the content of the relevant substance and actions currently proposed to remove them in form2.

(2) If the products contain managed substances in form3, inform NAMICS of the content of the relevant substances.

(3) If the products contain Cl or Br or F., inform NAMICS of all the contents of the relevant substances in an affected product in form3.

5.3 Request for collaboration in data measurements and audits
Regarding the previous sections 5.1 and 5.2, NAMICS may require business partners to submit measurement data. NAMICS may also ask the partner to perform On-site and/or self-audits.

5.4 Prior approval of changes
Submit written documents to NAMICS for approval before changing any of the following:
(1) Raw materials used (constituents of products supplied by NAMICS business partners)

(2) Composition

(3) Manufacturing methods (processes), facilities, locations

5.5 Management by NAMICS business partners
Take the following measures as part of measures to comply with the requirements of the previous sections 5.1 to 5.4: (Refer to Section 6 below for more information.)
(1) Green procurement of raw materials

(2) Pre-shipment inspection of products as required

(3) Both (1) and (2) above when changing suppliers

6. Requirements regarding establishment of a management system for environmentally hazardous chemical substances at NAMICS business partners
To promote green procurement, NAMICS imposes the following requirements to its business partners.

6.1 Environmental preservation efforts by business partners
(1) NAMICS business partners must have obtained ISO 14001 certification or be in the process of doing so.

(2) NAMICS business partners must take concrete steps to promote green procurement or have plans to do so.

(3) If a NAMICS business partner has not received ISO 14001 certification, NAMICS asks that the partner take the following environmental measures that would meet ISO 14001 standards:

1) Corporate philosophy
- Establish a corporate philosophy on environmental preservation.
- Establish a policy for environmental preservation and commit to continual improvement and prevention of pollution.
- In the environmental policy, state a clear commitment to compliance with environmental laws and regulations.
- Make sure the environmental policy is thoroughly communicated to all employees and available for review by third parties.

2) Organization and plans
- Set targets and objectives for environmental preservation.
- Assign specific teams and persons in charge to achieve targets and objectives.
- Develop action plans to achieve targets and objectives.

3) Measures for environmental aspects
- Manage and evaluate the following items below and seek to achieve improvements:
Air pollution, water pollution, noise and vibration, managed substances, and reductions in waste generation
Energy consumption (e.g., electricity, gas, fuel)

4) Training, education, and provision of information
- Provide training and education on environmental issues.
- Provide training and education to personnel engaged in tasks that pose the risk of significant environmental impact.
- Provide information to the public related to environmental preservation.

5) Rationalized distribution
- Work on reducing, reusing, recycling materials, and optimizing transportation.

6.2 Chemical in product management at NAMICS business partners

(1) Managing defective products

On identifying non-conforming products, clarify (identify and isolate) the corresponding lot and clearly separate it from conforming products to prevent accidental release of non-conforming products.

(2) Work management

In manufacturing processes (including secondary processes), always abide by work rules to avoid the production of non-conforming products.

(3) Managing materials and purchases

Set clear criteria when selecting raw materials and composition. Procure raw materials based on these criteria.

(4) Traceability

Retain shipping histories as records to allow tracing back to raw material lots. Be prepared to submit these records when requested to do so.

(5) Change management

Before changing raw materials, processes, or locations, assess the potential effects of the change to avoid the occurrence of unforeseen problems. Submit the Change Application Sheet (for supplier) to NAMICS and proceed only after obtaining approval from NAMICS.

7. Surveys

To promote green procurement, NAMICS undertakes surveys at regular and irregular intervals in accordance with the NAMICS Green Procurement Standards Document.

7.1 Objectives

The purpose of the survey is to confirm that the requirements set forth in the sections 5 and 6 are met.

7.2 Scope

The survey addresses products from NAMICS business partners when NAMICS or companies specified by NAMICS procure these products directly or through a third party for use as raw materials, indirect materials, or other materials.

7.3 Method

As part of the survey, NAMICS asks its business partners to respectively submit information on the presence of environmentally hazardous chemical substances in all products (procured from NAMICS business partners) used by NAMICS as raw materials, indirect materials, or other materials.

7.4 Documents to be submitted

(1) Receipt confirmation (Attached Form 1)

Return the receipt confirmation immediately after downloading and confirming the latest editions of the NAMICS Green Procurement Standards Document and Environmentally Hazardous Chemical Substances List of the NAMICS Green Procurement Standards from NAMICS website. (When the vendor is not the manufacturer, the manufacturer shall confirm the latest editions.)

(2) Compliance certificate (Attached Form 2)

Regarding the regulated substances specified in Environmentally Hazardous Chemical Substances List of the NAMICS Green Procurement Standards, if the substance(s) contained in your product complies with the threshold limit(s), select 'Compliance' under 'Category' of Product List, and submit only p.1 of Compliance Certificate.

If a regulated substance is contained in your product, select what applicable under 'Category' of Product List, report your view about the corrective action plan for their complete abolition in the following pages, and submit Compliance Certificate. (The corrective action plan shall include

the counter-measures or alternative substances, etc. If their inclusion has to be continued, report the reason(s).)
If your product does not comply with NAMICS requirements, (1) of 8 of this Standard shall be applied.

(3) Analytical data
As supporting evidence, submit the results of analysis when issuing document (2) Compliance certificate above.
To promote halogen-free design of Namics products and design compliance with global PFAS regulations, please submit halogen analysis data that meets the following requirements.

1) In principle, the data must have been acquired within one year preceding the date of issue of document (2).
2) Analytical methods shall follow international standards.

Substance name	Examples of test method / equipment	International standards
Cadmium, lead, mercury	ICP-OES, ICP-AES, ICP-MS	IEC62321
Hexavalent chromium	UV-VIS	IEC62321
PBBs and PBDEs	GC-MS	IEC62321
Phthalates	GC-MS	IEC62321
Halogen (Cl, Br, F)	IC	BS EN 14582

Each analytical detection limit shall comply with NAMICS' guarantee-required value.

3) For inorganic materials and metal materials, total bromine measurements by XRF may be used for PBB and PBDE measurements.
4) Data must be obtained by third-party analysis or by in-house analysis meeting requirements equivalent to third-party analysis.
5) The analytical data must provide a full account of pretreatment methods and analysis flowcharts.
- Sample name
- Analysis date
- Analysis pretreatment and Test method
- Test result and detection limit of each analysis item
- Analytical flow chart

6) The substances to be analyzed are as follows:
- All the materials.
- Required items: Six substances of lead, mercury, cadmium, hexavalent chromium, PBBs, PBDEs and Four Phthalates of DEHP, BBP, DBP and DIBP.
  Three Halogens of Cl, Br, F.

(4) Chemical composition table and the global registration statuses (Attached Form 3)
1) The chemical composition table is required to clearly indicate composition.
2) Fill in the table so that the constituents total 100%.
List indirect materials categorized by parts. Make the total 100% per part.
3) Provide the following information on the Environmentally Hazardous Chemical Substances:
- Reference number
  For the substance which is specified in the "Environmentally Hazardous Chemical Substances List of the NAMICS Green Procurement Standards", provide the reference number specified in the List.
  For the substance which is NOT specified in the Environmentally Hazardous Chemical Substances List, specify "Non-applicable" instead of providing the reference No.

- Scope of report
  When it is already known that Environmentally Hazardous Chemical Substances are included regardless of whether it is intentional or unintentional, report all relevant substances even if the amount is below the threshold limit.

・CAS number
When the substance specified in “NAMICS Green Procurement Standards Environmentally Hazardous Chemical Substances List” has a CAS number, provide the number.
If there are components that do not fall into the category of environmentally hazardous chemical substances and whose CAS No. cannot be disclosed for reasons such as trade secret, please enter the necessary information in Form3 Supplement and submit it additionally.

・The included amount
When the included amount has a certain range, or it is not clear, provide “the maximum amount estimated based on design”

・Classification of inclusion and its application/purpose
Provide all reasons for the inclusion of the Environmentally Hazardous Chemical Substances, including whether the inclusion is intentional or unintentional, or whether it is contained as an impurity, etc.

・Information of Halogen inclusion
In accordance with the requirements of Section 3.2 of this standard, please provide the design maximum values for total chlorine (Cl), total bromine (Br), and total fluorine (F) contained in the supplier’s products, regardless of whether they are intentionally added or not.
If the design maximum values are unknown, please provide analytical values instead.

4) Provide the global registration statuses in the existing chemical substances lists so that NAMICS can judge whether it is possible to export an affected product.
When the Application/ Purpose of inclusion is “impurity”, its global registration statuses do not have to be considered. It is also unnecessary to provide the registration statuses of indirect materials, since they are not subject to the survey.
When there is a country to which the export of an affected product is impossible because the relevant substance is not registered in their list, inform NAMICS of whether you will cooperate with us when we need to declare the substance to the country in the future.
5) Provide information on the country of origin to verify an affected product under the US Export Administration Regulations (EAR).

(5) SDS (Safety Data Sheet)
1) Submit the latest SDS (Safety Data Sheet) in a form that meets the requirements of JIS Z 7253 in principle.

(6) chemSHERPA
chemSHERPA, which is an information transfer scheme developed by Ministry of Economy, Trade and Industry for the chemical substances in products throughout supply chain, is also required if document (2) Compliance certificate above is issued to clarify the details of substances contained in products. List all known substances intentionally or unintentionally contained in products.
1)Check to confirm that you have the latest revision before using chemSHERPA. You can download the latest version at the following link:
https://cmp-consortium.com/english/chemsherpa/tool

2) When you create chemSHERPA, pay attention to the following.
- When raw materials and others are subject to the survey, use the chemical data entry support tool (chemSHERPA-CI), and submit the chemSHERPA in both of a shci file and a PDF file converted from an excel sheet
- When indirect materials are subject to the survey, use the molded item data entry support tool (chemSHERPA-AI), and submit it in shai file.

3) Submit chemSHERPA, created using the data entry support tool. The version of the tool shall be the latest at your receiving our requirement.

7.5 Submission time

Submission time / Document	Form	When initiating transactions	At regular survey (Raw materials)	At regular survey (Indirect materials)	As required	Remarks
Receipt confirmation	Attached Form 1	○	○	○	-	Must be returned immediately after receiving the document set.
Compliance certificate	Attached Form 2	○	○	○	△	
Analytical data	No specified form	○	○	○	△	
Chemical composition table and Global registration status*2	Attached Form 3	○	○	○*1	△	
SDS	JIS	○	△	△	△	
chemSHERPA-CI (for raw materials and others) chemSHERPA-AI (for indirect materials)	Common form	○	○	○*1	△	

○: Required. △: Required only when changed.

*1 Either of 'Chemical composition table and Global registration status' or 'chemSHERPA' are/is acceptable.

*2 If the CAS No cannot be disclosed, an additional survey response is required in Form3 Supplement.

(1) NAMICS requires new business partners to submit all documents at least once.

(2) "At regular survey" refers to responses submitted for the annual regular survey.
The results of the previous or before the previous survey are not acceptable.
Ensure that you conduct the survey at every annual survey, and submit the latest results.

(3) "As required" refers to the following cases:
1) If the relevant laws and regulations are revised and the revision requires this action
2) If chemSHERPA declarable substances are revised and the revision requires this action
3) If any of the below applies and any change is implemented
- Previous section 5.4, Prior approval of changes
- Previous section 5.5, Management by NAMICS business partners
4) Other cases in which NAMICS or business partners perceive a need

8. Measures in response to survey results

If it has concerns regarding the previous section 7.4 or the Compliance certificate (Attached Form 2) cannot be issued, NAMICS will require its business partners to provide the document(s) which they can submit. Then NAMICS will decide to act after consulting with the relevant business partner to determine if alternative substances present technical obstacles.

9. Attached documents

9.1 List of attached documents

(1) Green procurement survey form
Attached Form 1 Receipt confirmation
Attached Form 2 Compliance certificate
Attached Form 3 Chemical composition table and Global registration status

(2) Related specification
NAMICS Green Procurement Standards Environmentally Hazardous Chemical Substances List

9.2 Distribution of the latest editions
(1) At a regular survey, NAMICS informs you of the revision of NAMICS Green Procurement Standards Document and related Forms listed in 9.1 above. When you receive the information, download the files from NAMICS website

(2) NAMICS provides documents as indicated in (1) above at the occasional survey.

10. Inquiries
Contact us below for detailed information on the NAMICS Green Procurement Standards Document.
Chemical Substances Management Group
Quality Assurance Unit
Quality Assurance Division
NAMICS CORPORATION

NAMICS CORPORATION
Green Procurement Standards Document
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NAMICS CORPORATION

NAMICS CORPORATION
Quality Assurance Division

■Documents to be submitted

Please confirm the following Remarks for each Form and issue them.
For more information, please refer to 7.4 "Documents to be submitted" in NAMICS Green Procurement Standards.

Form		When initiating transactions	At regular survey (Raw materials)	At regular survey (Indirect materials)	As required	Remarks
NAMICS own form	Form -1 Receipt Confirmation	○	○	○	-	・Please submit a PDF file of the signed form immediately after receiving a set of NAMICS Green Procurement Standards.
	Form -2 Compliance certificate	○	○	○	△	・After filling this form, please submit a PDF file of the signed form.
	Form-3 Chemical composition table and Global registration status*2	○	○	○*1	△	・Please report composition information no matter whether each substance's concentration is within allowable concentration if you have the information. ・Please submit the filled **Excel file**.(Your signature is not needed for this form)
Common form	chemSHERPA-CI (for raw materials and others)	○	○	-	△	・Please download the latest form from the following web site. https://chemsherpa.net/chemSHERPA/english/tool/ ・Please report composition information no matter whether each substance's concentration is lower than 1000 ppm if you have the information.
	chemSHERPA-AI (for indirect materials)		-	○*1		
No specified form	Analytical data	○	○	○	△	・Please submit the following analytical data RoHS 10 Substances : "Lead, Mercury, Cadmium, Hexavalent chromium, PBB, PBDE" and "DEHP, BBP, DBP, DIBP" Halogen 3 Substances："Cl, Br, F"
JIS	SDS	○	△	△	△	・Please use and submit the form complying with JIS Z 7253. ・Please prepare SDS which meets the recent domestic laws and regulations. ・Please submit SDS in English if possible in addition to in Japanese.

○: Required. △

*1：Either of 'Chemical composition table and Global registration status' or 'chemSHERPA' are/is acceptable.

*2：If the CAS No cannot be disclosed, an additional survey response is required Form3 Supplement.

Ver.21 Attached Form 1

To Quality Assurance Division
NAMICS CORPORATION

Receipt Confirmation

We wish to acknowledge our receipt of the following documents:

NAMICS Green Procurement Standards Document 21st Edition

Attached Form 1 Receipt confirmation

Attached Form 2 Compliance certificate

Attached Form 3 Chemical composition table and Global registration status

Related specification: NAMICS Green Procurement Standards Environmentally hazardous chemical substances list

※ Please fill in the parts in yellow.

Date of receipt		
Company Name(Name of business establishment)		
Department in charge		
Person in charge Title, name, seal	Title	
	Name	Signature
	Tel	
	Fax	
	E-mail	

Ver.21 Attached Form 2

To Quality Assurance Division

NAMICS CORPORATION

NAMICS Green Procurement Standards Compliance certificate

We guarantee that the delivered products satisfy the latest NAMICS Green Procurement Standards with the following Category.

■Compliance： All Level 1 and Level 2 substances in the product meet the threshold limit (the maximum allowable concentration).

■Conditional compliance： The product contains all Level 1 substances within the threshold limit, but contains Level 2 substances over the threshold limit. We will strive to implement countermeasures as described in "2-Report the details of substance usage".

■Non compliance： The product contains Level 1 substances over the threshold limit. Or the product contains all Level 1 substances within the threshold limit (the maximum allowable concentration), but contains Level 2 substances over the threshold limit. Furthermore, for the reasons stated in "2-Report the details of substance usage", it cannot be avoided to use these substances. We will maintain the present status.

※ Please fill in the parts in yellow.

●How to fill in Form 2 (1) Fill in product name(s) in Product List.

(2) Check the compliance status to 'NAMICS Green Procurement Standards Environmentally hazardous chemical substances list', fill in 'Category' in Product List.
※When the 'Category' is 'Compliance', no action is needed for the following (3).

(3) Fill in 'Result' of 1-1 and 1-2 respectively in the following pages.
When a product contains any regulated substance over the threshold limit (maximum limit of concentration), select "Non compliance" under 'Result'. Then report the detailed information in '2. Report the details of substance usage'.
When a product is out of Scope, select "Not applicable" under 'Result'.
When more than one product are surveyed and their results include "Non compliance" and "Not applicable", select "Non compliance" under 'Result'.

(4) A person in charge at your company shall sign in the signature space below. Then submit this form to NAMICS.

※If the compliance status to 'NAMICS Green Procurement Standards Environmentally hazardous chemical substances list' is already checked otherwise, and the Category is 'Compliance', it is not necessary to submit after page 2.

Product List

No.	Product name	Category	No.	Product name	Category
1			11		
2			12		
3			13		
4			14		
5			15		
6			16		
7			17		
8			18		
9			19		
10			20		

Comment：

Date of response		
Company Name (Name of business establishment)		
Department in charge		
Person in charge Title, name, seal	Title	
	Name	Signature
	TEL	
	FAX	
	E-mail	

1. Ensuring the conformity of environmental hazardous chemical substances.

1-1. Regulated substances (Analytical data is required as supporting evidence of "Not contained".)

Reference №	Substances Name	Analyzed target	CAS No.	Regulated Level	Scope	Threshold limits (maximum limit of concentration)	Result
P1001	Cadmium and its compounds	Raw materials and Other materials	–	Level 1	Parts composed of metals containing zinc (e.g. brass, hot dip galvanizing, etc.)	Not intentionally added and less than 100 ppm	
					All uses other than the above column	Not intentionally added and less than 5ppm	
P1002	Lead and its compounds		–	Level 1	All uses other than the column below	Not intentionally added and less than 50ppm	
					Parts composed of metals containing tin (e.g. solder, etc.)	Not intentionally added and equal to or less than 500ppm	
P2004	Lead and its compounds		–	Level 2	glass frit	Not intentionally added and less than 100ppm	
P1003	Mercury and its compounds		–	Level 1	All uses	Not intentionally added and less than 2ppm	
P1004	Hexavalent chromium compounds		–	Level 1	All uses other than the column below	Not intentionally added and less than 10ppm	
P2009	Hexavalent chromium compounds		–	Level 2	Complex oxide containing trivalent chromium	Not intentionally added and less than 10ppm	
P1005	Total-concentration of four heavy metals (cadmium, lead, mercury, and hexavalent chromium) contained in packaging components and materials	Indirect materials	–	Level 1	All indirect materials	"Less than 50 ppm" is determined as the allowable total-concentration of four heavy metals (cadmium, lead, mercury, and hexavalent chromium) contained in each part, ink, or paint that constitutes a package.	
P1006	Polybrominated biphenyls (PBB)	All materials	–	Level 1	All uses	Not intentionally added and less than 5ppm	
P1007	Polybrominated diphenylethers (PBDE) (including decabromodiphenyl ether [DecaBDE])		–	Level 1	All uses	Not intentionally added and less than 10ppm	
P1033	Specific phthalates (DEHP/DBP/BBP/DIBP)		refer to Appendix-1.4	Level 1	All uses	Not intentionally added and less than 50ppm	

Note :

1-2. Regulated substances (Analytical data is NOT required as supporting evidence of "Not contained".)

Reference №	Substances Name	CAS No.	Regulated Level	Scope	Threshold limits (maximum limit of concentration)	Result
P1008	Hexabromocyclododecane (HBCDD)	25637-99-4 3194-55-6 134237-50-6 134237-51-7 134237-52-8	Level 1	All uses	Not intentionally added and less than 50ppm	
P1009	Polychlorinated biphenyls (PCB)	–	Level 1	All uses	Not intentionally added and less than 0.1ppm	
P1010	Polychlorinated naphthalenes (PCN)	–	Level 1	All uses	Not intentionally added and less than 5ppm	
P1011	Polychlorinated terphenyls (PCT)	–	Level 1	All uses	Not intentionally added and less than 2ppm	
P1012	Chlorinated paraffins (CP)	85535-84-8 84082-38-2 71011-12-6 85536-22-7 85535-85-9 85535-86-0	Level 1	All uses	Not intentionally added and less than 1000ppm	
P1013	Polyvinyl chloride (PVC) and PVC blends	–	Level 1	All uses (Exemption-Insulating tapes, labels)	Not intentionally added and less than 800ppm	
P1014	Hydrofluorocarbon (HFC), Perfluorocarbon (PFC), Sulfur hexafluoride(SF6)	–	Level 1	All uses	Not intentionally added and less than 1000ppm	
P1015	Ozone depleting substances (ODS)	–	Level 1	All uses	Not intentionally added and less than 1000ppm	
P1016	Hydrochlorofluorocarbon (HCFC)	–	Level 1	All uses	Not intentionally added and less than 1000ppm	
P1017	Perfluorooctane sulfonates (PFOS) and individual salts and related substances of PFOS	–	Level 1	All uses	Not intentionally added and 25ppb total sum of PFOS, and its individual salts and related substances.	
P1018	Perfluorooctanoic Acid (PFOA) and individual salts and related substances of PFOA	refer to Appendix-1.1	Level 1	All uses	Not intentionally added and 25ppb total sum of PFOA, and its individual salts and related substances.	

1-2. Regulated substances (Analytical data is NOT required as supporting evidence of "Not contained".)

P1019	Beryllium and its compounds	–	Level 1	All uses	Not intentionally added and less than 800ppm	
P1020	Cobalt dichloride	7646-79-9	Level 1	All uses	Not intentionally added and less than 800ppm	
P1021	Arsenic and its compounds	–	Level 1	All uses	Not intentionally added and less than 50ppm	
P1022	Asbestos	–	Level 1	All uses	Not intentionally added and less than 1000ppm	
P1023	Specific azo compounds (Azodyes that form specific amine compounds and specific amine compounds.)	refer to Appendix-1.2	Level 1	All uses	Not intentionally added and less than 20ppm	
P1024	Formaldehyde	50-00-0	Level 1	All uses other than impurities or unreacted components	Not intentionally added and less than 300ppm	
P1025	Benzenamine, N-phenyl-, reaction products with styrene and 2,4,4-trimethylpentene (BNST)	68921-45-9	Level 1	All uses	Not intentionally added	
P1026	Dimethyl fumarate (DMF)	624-49-7	Level 1	All uses	Not intentionally added and less than 0.1ppm	
P1027	Specific Polycyclic aromatic hydrocarbons (PAHs)	refer to Appendix-1.3	Level 1	All uses	Not intentionally added and less than 1ppm	
P1028	Benzene	71-43-2	Level 1	All uses	Not intentionally added and less than 800ppm	
P1029	Hexachlorobenzene	118-74-1	Level 1	All uses	Not intentionally added and less than 10ppm	
P1030	Minerals from Conflict-Affected and High-Risk Areas(CAHRAs) https://www.cahraslist.net/cahras (Gole, Tin, Tantalum, Tungsten and Cobalt, Mica, Nickel, Graphite, Lithium, Copper)	–	Level 1	All uses	Not intentionally added	
P1031	Radioactive substances [Uranium (U), Plutonium (Pu), Radon (Rn),Americium (Am), Thorium(Th) , Cesium(Cs) , Strontium (Sr),etc.]	–	Level 1	All uses	Not intentionally added and less than 1000ppm	
P1032	Red phosphorus / Yellow phosphorus	–	Level 1	All uses	Not intentionally added and less than 800ppm	
P1034	Tris(2-chloroethyl) phosphate (TCEP) Tris (1-chloro-2-propyl) phosphate (TCPP) Tris(1,3-dichloro-2-propyl)phosphate (TDCPP)	115-96-8 13674-84-5 13674-87-8	Level 1	All uses	Not intentionally added and less than 1000ppm	
P1035	Perfluorohexanesulfonic acid (PFHxS) and its salts and related substances	–	Level 1	All uses	Not intentionally added and 25ppb total sum of PFHxS, and its individual salts. 1000ppb total sum of PFHxS related substances.	
P1036	Decabromodiphenylethane (DBDPE)	84852-53-9	Level 1	All uses	Not intentionally added and less than 500ppm	
P1037	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.0 2,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	–	Level 1	All uses	Not intentionally added and less than 1ppm	
P1038	Long-chain perfluoroalkyl carboxylate (LCPFACs) and perfluoroalkyl sulfonate chemicals	–	Level 1	All uses	Not intentionally added	
P1039	TSCA Priority chemicals（PBT, First 10 Chemical Substances）	refer to Appendix-1.5	Level 1	All uses	Not intentionally added and less than 1000ppm	
P1040	Acrylamide (monomer)	79-06-1 2680-03-7	Level 1	All uses	Not intentionally added and less than 5ppm	
P1041	Dioxins and Furans	refer to Appendix-1.6	Level 1	All uses	Not intentionally added and less than 800ppm	
P1042	Chlorinated Phenols	refer to Appendix-1.7	Level 1	All uses	Not intentionally added and less than 0.1ppm	
P1043	Colorants	refer to Appendix-1.8	Level 1	All uses	Not intentionally added and less than 10ppm	
P1044	Perfluorohexanoic acid (PFHxA) and its salts and related substances	–	Level 1	All uses	Not intentionally added and 25ppb total sum of PFHxA, and its individual salts. 1000ppb total sum of PFHxA related substances.	
P1045	Methyl-phenol compounds	95-48-7 106-44-5 108-39-4 1319-77-3	Level 1	All uses	Not intentionally added and less than 10 ppm total content	
P1046	Pesticides	refer to Appendix-1.9	Level 1	All uses	Not intentionally added and less than 0.5 ppm total sum of pesticides	
P1047	UV stabilizers	3846-71-7 3864-99-1 25973-55-1 36437-37-3	Level 1	All uses	Not intentionally added and less than 1ppm	
P1048	Perfluorocarboxylic acids (PFCAs) C9-C21 and its salts and related substances	–	Level 1	All uses	Not intentionally added and 0.0000025 wt% (25ppb) total sum of PFCAs, and its individual salts and related substances.	
P1049	Polybrominated terphenyl (PBT)	–	Level 1	All uses	Not intentionally added and less than 5ppm	
P1050	Halogenated diphenyl methanes	76253-60-6 81161-70-8 99688-47-8	Level 1	All uses	Not intentionally added and less than 1ppm	
P1051	Natural rubber, latex	–	Level 1	All uses	Not intentionally added	
P1052	Perchlorates	7601-89-0 7778-74-7 7790-98-9 7791-03-9 10034-81-8	Level 1	All uses	Not intentionally added and less than 0.1 ppm total content	

1-2. Regulated substances (Analytical data is NOT required as supporting evidence of "Not contained".)

P1053	Tetrabromobisphenyl A (TBBA, TBBPA)	79-94-7	Level 1	All uses	Not intentionally added and less than 800ppm	
P1054	Perfluorobutanesulfonic acid (PFBS) and its related substances	–	Level 1	All uses	Not intentionally added and less than 1000ppm	
P1055	Mineral oil aromatic hydrocarbons (MOAH) comprising 1 to 7 aromatic rings	–	Level 1	Packaging components and materials, Printed materials	Not intentionally added and less than 1000 ppm in Ink	
P1056	Mineral oil aromatic hydrocarbons (MOAH) comprising 3 to 7 aromatic rings	–	Level 1	Packaging components and materials, Printed materials	Not intentionally added and less than 1ppm in Ink	
P1057	Mineral oil saturated hydrocarbons (MOSH) with 16 to 35 carbon atoms	–	Level 1	Packaging components and materials, Printed materials	Not intentionally added and less than 1000 ppm in Ink	
P1058	Selenium	7782-49-2	Level 1	All uses	Not intentionally added and less than 500ppm	
P1059	Chlorpyrifos	2921-88-2	Level 1	All uses	Not contain	
P1060	Polychlorinated dibenzo-p-dioxins (PCDD)	–	Level 1	All uses	Not contain	
P1061	Polychlorinated dibenzofurans (PCDF)	–	Level 1	All uses	Not contain	
P1062	Chlorinated aromatic hydrocarbons	–	Level 1	All uses	Not intentionally added and less than 0.1ppm	
P1063	Japan Chemical Substances Control Law	https://www.nite.go.jp/chem/jcheckupl/st6.action?request_locale=en&category=211	Level 1	All uses	Not contain	
P1064	EU REACH Regulation(EC) Annex X IV	https://echa.europa.eu/authorisation-list	Level 1	All uses	Not intentionally added and less than 1000ppm	
P1065	Halogenated flame retardants	–	Level 1	All uses	Less than 1000ppm total sum of halogen elements or not intentionally added	
P1066	2-Phenyl-2-propanol	617-94-7	Level 1	All uses	Not intentionally added and less than 50ppm	
P1067	Diphenylthiourea	102-08-9	Level 1	All uses	Not intentionally added	
P1068	Estragole	140-67-0	Level 1	All uses	Not intentionally added	
P1069	Hexamethylenetetramine	100-97-0	Level 1	All uses	Not intentionally added and less than 100ppm	
P1070	Mercaptobenzothiazole (2-MBT)	149-30-4	Level 1	All uses	Not intentionally added and less than 25ppm	
P1071	2-Aminoethanol	141-43-5	Level 1	All uses	Not intentionally added	
P1072	N-Nitrosamines	refer to Appendix-1.10	Level 1	All uses	Not intentionally added and less than 0.5ppm	
P1073	p-Phenylenediamine	106-50-3	Level 1	All uses	Not intentionally added	
P1074	Acetophenone	98-86-2	Level 1	All uses	Not intentionally added and less than 50ppm	
P1075	Acetophenone azine	729-43-1	Level 1	All uses	Not intentionally added and less than 2ppm	
P1076	Phenolphthalein	77-09-8	Level 1	All uses	Not intentionally added	
P2001	PFAS（Per-and Polyfluoroalkyl Substances） Substances containing at least one aliphatic -CF2 or -CF3	–	Level 2	All uses	Not intentionally added and less than 50ppm	
P2002	Bis(2-methoxyethyl) ether	111-96-6	Level 2	All uses	Not intentionally added and less than 1000ppm	
P2003	Acrylates monomers Group1	refer to Appendix-1.11	Level 2	All uses	Not intentionally added and less than 1000ppm	
P2005	4,4'- Diaminodiphenylmethane(MDA)	101-77-9	Level 2	All uses	Not intentionally added and less than 20ppm	
P2006	Formaldehyde,oligomeric reaction products with aniline	25214-70-4	Level 2	All uses	Not intentionally added and less than 1000ppm	
P2007	Nonylphenol, ethoxylated	9016-45-9	Level 2	All uses	Not intentionally added and less than 1000ppm	
P2008	Poly(oxy-1,2-ethanediyl), α-[(1,1,3,3-tetramethylbutyl)phenyl]-ω-hydroxy-	9036-19-5	Level 2	All uses	Not intentionally added and less than 1000ppm	

The reference No. of regulated substances which are used in the products.

2. Report the details of substance usage

●Guideline

Regarding the "Contained" substances in 1-1 and 1-2, report the details below. (Substance name, CAS number, Concentration, Classification of inclusion and Future measures)

Classification of inclusion: If the factors affect product performance and quality, select "Intentionally used."
If the factors don't affect final product performance and quality because they are non-removal substances derived from ingredients or unreacted residues and by-products generated via compounding processes, select "Impurity."

No.	Product name	Composition information					Alternative plan
		Reference No.	Substances Name	CAS No.	Concentration (%)	Classification of inclusion	Future measures/ Reasons to maintain the present status

Appendix-1.1 List of Perfluorooctanoic Acid (PFOA) and individual salts and esters of PFOA

Substance Name	CAS No.
Pentadecafluorooctanoic acid	335-67-1
Ammonium pentadecafluorooctanoate	3825-26-1
Sodium pentadecafluorooctanoate	335-95-5
Potassium perfluorooctanoate	2395-00-8
Silver(1+) perfluorooctanoate	335-93-3
Pentadecafluorooctyl fluoride	335-66-0
Methy perfluorooctanoate	376-27-2
Ethyl perfluorooctanoate	3108-24-5
PFOA related substances	-

Appendix-1.2 Specific azo compounds
(Azodyes that form specific amine compounds and specific amine compounds.)

Substance Name	CAS No.
4-aminodiphenyl	92-67-1
benzidine	92-87-5
4-chloro-o-toluidine; 4-chloro-2-methylaniline	95-69-2
2-naphthylamine	91-59-8
o-aminoazotoluene	97-56-3
2-amino-4-nitrotoluene; 5-nitro-o-toluidine	99-55-8
p-chloroaniline	106-47-8
2,4-diaminoanisole	615-05-4
3,3'-dichlorobenzidine	91-94-1
3,3'-dimethoxybenzidine	119-90-4
3,3'-dimethylbenzidine	119-93-7
3,3'-dimethyl-4,4'-diaminodiphenylmethane; 4,4'-diamino-3,3'-diphenylmethane	838-88-0
p-cresidine; 6-methoxy-m-toluidine	120-71-8
4,4'-methylene-bis-(2-chloroanilene)	101-14-4
4,4'-oxideaniline	101-80-4
4,4'-thiodianiline; 4,4'-diaminodiphenylsulfide	139-65-1
o-toluidine	95-53-4
2,4-toluylenediamine; 4-methyl-m-phenylenediamine	95-80-7
2,4,5-trimethylaniline	137-17-7
o-anisidine	90-04-0
4-aminoazobenzene	60-09-3
4-Chloro-2-toluidine hydrochloride	3165-93-3
2,4-Diaminoanisole sulfate	39156-41-7
2-Naphthylamine acetate	553-00-4
2,4,5-Trimethylaniline hydrochloride	21436-97-5
2,4-Xylidine	95-68-1
2,6-Xylidine	87-62-7

Appendix-1.3 List of Specific Polycyclic aromatic hydrocarbons (PAHs)

Substance Name	CAS No.
Benzo[a]pyrene	50-32-8
Benzo[e]pyrene	192-97-2
Benzo[a]anthracene	56-55-3, 1718-53-2
Chrysene	218-01-9
Benzo[b]fluoranthene	205-99-2
Benzo[j]fluoranthene	205-82-3
Benzo[k]fluoranthene	207-08-9
Dibenzo[a,h]anthracene	53-70-3

Appendix-1.4 List of Specific phthalates (DEHP/DBP/BBP/DIBP)

Substance Name	CAS No.
Bis (2-ethylhexyl)phthalate; Di (2-ethylhexyl) phthalate	117-81-7
Dibutyl phthalate; Di-n-butyl phthalate	84-74-2
Benzyl butyl phthalate; Butyl benzyl phthalate	85-68-7
Diisobutyl phthalate; Di-i-butyl phthalate	84-69-5

Appendix-1.5 TSCA Priority chemicals (PBT、First 10 Chemical Substances)

Substance Name	CAS No.
Decabromodiphenyl ether (DecaBDE)	1163-19-5
Phenol, Isopropylated Phosphate (PIP) (3 : 1)	68937-41-7
2, 4, 6 – Tris (tert-butyl) phenol (TTBP)	732-26-3
Pentachlorothiophenol (PCTP)	133-49-3
Hexachlorobutadiene (HCBD)	87-68-3
Methylene Chloride	75-09-2
1-Bromopropane	106-94-5
Cyclic Aliphatic Bromide Cluster (HBCD)	25637-99-4 3194-55-6 3194-57-8
Asbestos	1332-21-4
Carbon Tetrachloride	56-23-5
1,4-dioxane	123-91-1
N-Methylpyrrolidone (NMP)	872-50-4
Perchloroethylene	127-18-4
Pigment Violet 29	81-33-4
Trichloroethylene (TCE)	79-01-6

Appendix-1.6 Dioxins and Furans

Substance Name	CAS No.
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0
2,3,7,8-Tetrabromodibenzo-p-dioxin	50585-41-6
1,2,3,7,8-Pentabromodibenzo-p-dioxin	109333-34-8
2,3,7,8-Tetrabromodibenzofuran	67733-57-7
2,3,4,7,8-Pentabromodibenzofuran	131166-92-2
1,2,3,4,7,8-Hexabromodibenzo-p-dioxin	110999-44-5
1,2,3,6,7,8-Hexabromodibenzo-p-dioxin	110999-45-6
1,2,3,7,8,9-Hexabromodibenzo-p-dioxin	110999-46-7
1,2,3,7,8-Pentabromodibenzofuran	107555-93-1

Appendix-1.7 Chlorinated Phenols

Substance Name	CAS No.
2,3,4,5-Tetrachlorophenol (2,3,4,5-TeCP)	4901-51-3
2,3,4,6-Tetrachlorophenol (2,3,4,6-TeCP)	58-90-2
2,3,5-Trichlorophenol (2,3,5-TCP)	933-78-8
2,3,5,6-Tetrachlorophenol (2,3,5,6-TeCP)	935-95-5
2,3,6-Trichlorophenol (2,3,6-TCP)	933-75-5
2,4,6-Trichlorophenol (2,4,6-TCP)	88-06-2
3,4,5-Trichlorophenol (3,4,5-TCP)	609-19-8
Pentachlorophenol and its salts and esters	-
Tetrachlorophenol, including isomers	25167-83-3
Trichlorophenol, including isomers	25167-82-2

Appendix-1.8 Colorants

Substance Name	CAS No.
Acid Red 26	3761-53-3
Basic Red 9	569-61-9
Basic Violet 14	632-99-5
Direct Black 38	1937-37-7
Direct Blue 6	2602-46-2
Direct Red 28	573-58-0
Direct Yellow 1	6472-91-9
Disperse Blue 1	2475-45-8
Disperse Orange 11	82-28-0
Disperse Yellow 3	2832-40-8
Quinoline	91-22-5
Pigment Yellow 34	1344-37-2
Pigment Red 104	12656-85-8
Disperse Blue 3	2475-46-9
Disperse Blue 7	3179-90-6
Disperse Blue 26	3860-63-7
Disperse Blue 35	12222-75-2
Disperse Blue 102	12222-97-8
Disperse Blue 106	12223-01-7
Disperse Blue 124	61951-51-7
Disperse Brown 1	23355-64-8
Disperse Orange 1	2581-69-3
Disperse Orange 3	730-40-5
Disperse Orange 37/59/76	12223-33-5
Disperse Red 1	2872-52-8
Disperse Red 11	2872-48-2
Disperse Red 17	3179-89-3
Disperse Yellow 1	119-15-3
Disperse Yellow 9	6373-73-5
Disperse Yellow 39	12236-29-2
Disperse Yellow 49	54824-37-2
Disperse Yellow 64	10319-14-9
Pigment Black 25	68186-89-0
Pigment Yellow 157	68610-24-2
Solvent Yellow 14	842-07-9
4-Amino-3-fluorophenol	399-95-1
Acid Violet 49	1694-09-3
Basic Blue 26	2580-56-5
Basic Violet 1	8004-87-3
Basic Violet 3	548-62-9 603-48-5 14426-25-6
D&C Orange No. 17	3468-63-1
D&C Red No. 8	2092-56-0
D&C Red No. 9	5160-02-1
D&C Red No. 19	81-88-9
Disperse Orange 149	85136-74-9
Disperse Yellow 23	6250-23-3
Malachite Green	10309-95-2
Navy Blue	118685-33-9
Solvent Blue 4	6786-83-0

Appendix-1.9 Pesticides

Substance Name	CAS No.
Aldrine	309-00-2
Azinphos ethyl	2642-71-9
Azinphos methyl	86-50-0
Bromophos-ethyl	4824-78-6
Captafol	2425-06-1
Carbaryl	63-25-2

Appendix-1.9 Pesticides

Substance Name	CAS No.
Quintozene (pentachlorobenzene)	82-68-8
Strobane	8001-50-1
Telodrin	297-78-9
Toxaphene	8001-35-2
Tribufos (DEF)	78-48-8
2,4,5-Trichlorophenoxyacetic acid, salts and compounds	93-76-5
2-(2,4,5-Trichlorophenoxy)propionic acid, salts and compounds	93-72-1
Trifluralin	1582-09-8
Chlordane	54-74-9
Chlordecone	143-50-0
Chlordimeform	6164-98-3
Chlorfenvinphos	470-90-6
Coumaphos	56-72-4
Cyfluthrin	68359-37-5
Cyhalothrin, λ-	91465-08-6
Cypermethrin	52315-07-8
Deltamethrin	52918-63-5
Demeton	919-86-8
Diazinon	333-41-5
o,p'-Dichlorodiphenyldichloroethane (o,p'-DDD)	53-19-0
p,p'-Dichlorodiphenyldichloroethane (p,p'-DDD)	72-54-8
o,p'-Dichlorodiphenyldichloroethylene (o,p'-DDE)	3424-82-6
p,p'-Dichlorodiphenyldichloroethylene (p,p'-DDE)	72-55-9
o,p'-Dichlorodiphenyltrichloroethane (o,p'-DDT) and its isomers; preparations containing DDT and its isomers	789-02-6
p,p'-Dichlorodiphenyltrichloroethane (p,p'-DDT) and its isomers; preparations containing DDT and its isomers	50-29-3
2,4-Dichlorophenoxyacetic acid, its salts and compounds	94-75-7
Dichlorprop	120-36-5
Dicrotophos	141-66-2
Dieldrine	60-57-1
Dimethoate	60-51-5
Dinoseb and salts	88-85-7
Endosulfan, alpha	959-98-8
Endosulfan, beta	33213-65-9
Endrine	72-20-8
Esfenvalerate	66230-04-4
Ethyl parathion	56-38-2
Fenvalerate	51630-58-1
Heptachlor	76-44-8
Heptachloroepoxide	1024-57-3
Hexachlorobenzene	118-74-1
Hexachlorocyclohexane (HCH), all isomers	608-73-1
Isodrin	465-73-6
Kelevane	4234-79-1
Lindane	58-89-9
Malathion	121-75-5
MCPA	94-74-6
MCPB	94-81-5
Mecoprop	93-65-2
Methamidophos	10265-92-6
Methoxychlor	72-43-5
Methyl parathion	298-00-0
Mevinophos	7786-34-7
Mirex	2385-85-5
Monocrotophos	6923-22-4
Perthane	72-56-0
Profenophos	41198-08-7
Propetamphos	31218-83-4
Quinalphos	13593-03-8

Appendix-1.10 N-Nitrosamines

Substance Name	CAS No.
N-Nitrosodibutylamine	924-16-3
N-Nitrosodiethanolamine	1116-54-7
N-Nitrosodiethylamine	55-18-5
N-Nitrosodiisopropylamine	601-77-4
N-Nitrosodimethylamine	62-75-9
N-Nitrosodiphenylamine	86-30-6
N-Nitrosodipropylamine	621-64-7
N-Nitrosoethylphenylamine	612-64-6
N-Nitrosomethylethylamine	10595-95-6
N-Nitrosomethylphenylamine	614-00-6
N-Nitrosomorpholine	59-89-2
N-Nitrosopiperidine	100-75-4
N-Nitrosopyrrolidine	930-55-2

Appendix-1.11 Acrylates monomers Group1

Substance Name	CAS No.
1,6-Hexanediol diacrylate	13048-33-4
2-(2-Ethoxyethoxy)ethyl acrylate	7328-17-8
2-Acryloyloxyethyl butylcarbamate	63225-53-6
2-Phenoxyethyl acrylate(PHEA)	48145-04-6
4-tert-Butylcyclohexyl acrylate(TBCHA)	84100-23-2
Butanediol diacrylate	1070-70-8
Isobornyl acrylate	5888-33-5
Tetrahydrofurfuryl acrylate	2399-48-6
Trimethylo Ipropane triacrylate	15625-89-5
Tripropylene glycol diacrylate	42978-66-5
Methyl 2-((allyloxy)methyl)acrylate (MAOMA)	219828-90-7
Tetrahydrofurfuryl methacrylate (THFMA)	2455-24-5
(2-ethyl-2-methyl-1,3-dioxolan-4-yl)methyl acrylate (EMDMA)	69701-99-1
3a,4,5,6,7,7a-hexahydro-4,7-methano-1Hindenyl acrylate (HHMIA)	33791-58-1
Dicyclopentyloxyethyl acrylate (DCPOEA)	65983-31-5
Propoxylated tetrahydrofurfuryl acrylate (PTHFA)	149303-87-7
Dipropylene glycol diacrylate (DPGDA)	57472-68-1
Cyclohexyl methacrylate (CHMA)	101-43-9
1,5-Pentanediyl diacrylate (PDDA)	36840-85-4
2,3-epoxypropyl methacrylate (Glycidyl methacrylate)	106-91-2
Dipentaerythritol hexaacrylate (DPEHA)	29570-58-9
Dipentaerythritol pentaacrylate (DPEPA)	60506-81-2

Ver.21 Attached Form 3

To Quality Assurance Division

NAMICS CORPORATION

Chemical Composition Table and Global Registration Status

Product name		Product category	

●Guideline

Composition information : Please fill in all composition information so as the total of concentration becomes 100 % as a general rule.
If the information of the substances which are listed in "Environmentally Hazardous Chemical Substances List of NAMICS Green Procurement Standards" is known regardless of whether its content is lower than Threshold limits or not, report them below.
If the content of the substances is not clear, report the estimated maximum amount based on design. (* Please report a reference value, not a guaranteed value.)

NAMICS Green Procurement Standards : For each substance filled in the column of Composition information, please select classification following NAMICS Green Procurement Standards
In addition, if the concentration of reduced substances is more than allowable concentration, fill in "Reduced substances" Alternative plan.

Global Registration Status : Please select Circle"○" if all components of the product are registered in existing chemical substances lists of each country or they are out of the scope of the concerned regulations.
Please select Cross "×" if the product contains a new and non-registered component.
If Classification of inclusion is "Impurity," it can be excluded from consideration.
If Product category is "Indirect materials," it is unnecessary to judge this status.

Information of halogen content : If you have any information or data about "Total Chlorine" and "Total Bromine," "Total Fluorine" please fill in the column. (If the design maximum values are unknown, please provide analytical values instead.)

※ Please fill in the parts in yellow.

№	Composition information					NAMICS Green Procurement Standards			Global Registration Status								Information of halogen content (ppm)					
	Substances Name	CAS No.	Concentration (%)	Classification of inclusion	Purpose of use	Regulated Level	Reference No. and Substance name	"Restricted substances" Alternative plan	JPN ENCS	USA TSCA	CAN DSL / NDSL	KOR ECL	CHN IECSC	TWN TCSI	PHL PICCS	VET NCI	Cl	Ground	Br	Ground	F	Ground
1																						
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						
		Total	0.0000				No. of the substance related to the reason why Registration Status is judged as "X" or "No data"															

Country of origin survey :

Country of origin	

Recycled Material Usage Survey

The product uses recycled materials as raw materials.	

Reference web site :

ENCS, TSCA:	https://www.nite.go.jp/en/chem/chrip/chrip_search/systemTop
DSL/NDSL:	https://pollution-waste.canada.ca/substances-search/Substance?lang=en
ECL:	https://kreach.me.go.kr/repwrt/index.do
IECSC:	http://apciss.cirs-group.com/
TCSI:	https://csnn.osha.gov.tw/content/home/Substance_Home.aspx
PICCS:	https://opms.emb.gov.ph/piccs_search/
NCI:	http://chemicaldata.gov.vn/cms.xc

※To check substances listing status in Vietnam Inventory (NCI), see the sheet, 'How to check Vietnam Inventory (NCI)'.

Date of response		
Company Name (Name of business establishment)		
Department in charge		
Contact person	Name	
	TEL	
	FAX	
	E-mail	

Memo	

Ver.21 Attached Form 3
To Quality Assurance Division
NAMICS CORPORATION

Form 3 Supplement

This is to request you to submit addtionally if detail information such as CAS No. cannot be provided in Sheet3 "Chemical Composition Table and Global Registration Status".

Foreign countries are not only established current chamical substance inventory system
Even if a chemical substance is not regulated by domestic law, there are many cases in which we are obligated to provide information to the importer when distributing the substance locally.

In order to realize distribution in accordance with the legal obligations and requirements of each country, please answer the following questions regarding compliance with each country's regulations for ingredients for which detailed information is difficult to disclose.

Product Name		
Composition No	No.1	
	No.2	
	No.3	

Country	Ragulation Name	Link	Result	Composition No
Korea	Korea: ARECs (K-REACH) / CCA; Hazardous Substance(s), Priority Control Substances	https://www.chem-info.nite.go.jp/en/chem/chrip/chrip_search/srhInput		
China	China: Catalog of Hazardous Chemicals 2015			
Taiwan	Taiwan: TCCSCA; Toxic Chemicals			
US	TSCA: Significant New Use Rule (SNUR)			
	TSCA Inventory（If listed in the confidential inventory, please enter the PMNNo in the result）	https://www.epa.gov/tsca-inventory/how-access-tsca-inventory		
Thailand	Hazardous Substances Act B.E., 2535 List 5.1~5.6	タイ 有害物質リスト BE 2556 / タイ 有害物質リスト BE 2558		
Vietnam	Law on Chemicals(No.06/2007/QH12) List 1、List 2、List 3	https://chemicaldata.gov.vn/		

※If the result is Applicable or Unknon, please fill in Composition No. in column J.

If the result is Applicable, please fill in below.
In case of the compositioin is applicable to the regulation above, it might be required to provide the detail information.
Please select your company's view on the disclosure request.

Answer column：

Remark

Date of response	
Company Name	
Contact person	

NAMICS Green Procurement Standards Substance list

This list is reference information for the clause of "NAMICS Green Procurement Standards" in Attached Form 3.
Regarding "the scope" of substances, please refer to "Environmentally Hazardous Chemical Substances List of NAMICS Green Procurement Standards.

Regulated Level	Reference No.	Substances Name
Level 1	P1001	Cadmium and its compounds
Level 1	P1002	Lead and its compounds
Level 2	P2004	*Lead and its compounds* ***(Glass frit)***
Level 1	P1003	Mercury and its compounds
Level 1	P1004	Hexavalent chromium compounds
Level 2	P2009	*Hexavalent chromium compounds* ***(Complex oxide containing trivalent chromium)***
Level 1	P1005	Total-concentration of four heavy metals (cadmium, lead, mercury, and hexavalent chromium) contained in packaging components and materials
Level 1	P1006	Polybrominated biphenyls (PBB)
Level 1	P1007	Polybrominated diphenylethers (PBDE) (including decabromodiphenyl ether [DecaBDE])
Level 1	P1008	Hexabromocyclododecane (HBCDD)
Level 1	P1009	Polychlorinated biphenyls (PCB)
Level 1	P1010	Polychlorinated naphthalenes (PCN)
Level 1	P1011	Polychlorinated terphenyls (PCT)
Level 1	P1012	Chlorinated paraffins (CP)
Level 1	P1013	Polyvinyl chloride (PVC) and PVC blends
Level 1	P1014	Hydrofluorocarbon (HFC), Perfluorocarbon (PFC), Sulfur hexafluoride(SF6)
Level 1	P1015	Ozone depleting substances (ODS)
Level 1	P1016	Hydrochlorofluorocarbon (HCFC)
Level 1	P1017	Perfluorooctane sulfonates (PFOS) and individual salts and related substances of PFOS
Level 1	P1018	Perfluorooctanoic Acid (PFOA) and individual salts and related substances of PFOA
Level 1	P1019	Beryllium and its compounds
Level 1	P1020	Cobalt dichloride
Level 1	P1021	Arsenic and its compounds
Level 1	P1022	Asbestos
Level 1	P1023	Specific azo compounds (Azodyes that form specific amine compounds and specific amine compounds.)
Level 1	P1024	Formaldehyde
Restricted Substances	R001	*Formaldehyde* ***(Excluded)***
Level 1	P1025	Benzenamine, N-phenyl-, reaction products with styrene and 2,4,4-trimethylpentene (BNST)
Level 1	P1026	Dimethyl fumarate (DMF)
Level 1	P1027	Polycyclic aromatic hydrocarbons（PAHs）
Level 1	P1028	Benzene
Level 1	P1029	Hexachlorobenzene
Level 1	P1030	Minerals from Conflict-Affected and High-Risk Areas(CAHRAs)
Level 1	P1031	Radioactive substances [Uranium (U), Plutonium (Pu), Radon (Rn),Americium (Am), Thorium(Th) , Cesium(Cs) , Strontium (Sr),etc.]
Level 1	P1032	Red phosphorus / Yellow phosphorus
Level 1	P1033	Specific phthalates (DEHP/DBP/BBP/DIBP)
Level 1	P1034	Tris(isopropylphenyl) phosphate
Level 1	P1035	Perfluorohexanoic acid (PFHxA) and its salts and related substances
Level 1	P1036	Decabromodiphenylethane (DBDPE)
Level 1	P1037	“Dechlorane Plus”™
Level 1	P1038	Long-chain perfluoroalkyl carboxylate (LCPFACs) and perfluoroalkyl sulfonate chemicals
Level 1	P1039	TSCA Priority chemicals (PBT, First 10 Chemical Substances)
Level 1	P1040	Acrylamide (monomer)
Level 1	P1041	Dioxins and Furans
Level 1	P1042	Chlorinated Phenols
Level 1	P1043	Colorants
Level 1	P1044	Perfluorohexanoic acid (PFHxA) and its salts and related substances

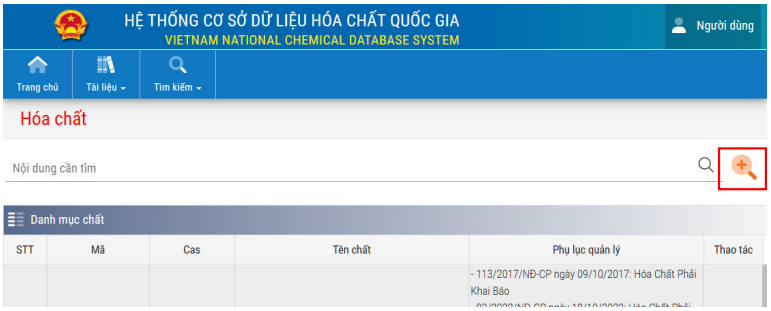
Regulated Level	Reference No.	Substances Name
Level 1	P1045	Methyl-phenol compounds
Level 1	P1046	Pesticides
Level 1	P1047	UV stabilizers
Level 1	P1048	Perfluorocarboxylic acids (PFCAs) C9-C21 and its salts and related substances
Level 1	P1049	Polybrominated terphenyl (PBT)
Level 1	P1050	Halogenated diphenyl methanes
Level 1	P1051	Natural rubber, latex
Level 1	P1052	Perchlorates
Level 1	P1053	Tetrabromobisphenyl A (TBBA, TBBPA)
Level 1	P1054	Perfluorobutanesulfonic acid (PFBS) and its related substances
Level 1	P1055	Mineral oil aromatic hydrocarbons (MOAH) comprising 1 to 7 aromatic rings
Level 1	P1056	Mineral oil aromatic hydrocarbons (MOAH) comprising 3 to 7 aromatic rings
Level 1	P1057	Mineral oil saturated hydrocarbons (MOSH) with 16 to 35 carbon atoms
Level 1	P1058	Selenium
Level 1	P1059	Chlorpyrifos
Level 1	P1060	Polychlorinated dibenzo-p-dioxins (PCDD)
Level 1	P1061	Polychlorinated dibenzofurans (PCDF)
Level 1	P1062	Chlorinated aromatic hydrocarbons
Level 1	P1063	Japan Chemical Substances Control Law
Level 1	P1064	EU REACH Regulation(EC)　Annex X IV
Level 1	P1065	Halogenated flame retardants
Level 1	P1066	2-Phenyl-2-propanol
Level 1	P1067	Diphenylthiourea
Level 1	P1068	Estragole
Level 1	P1069	Hexamethylenetetramine
Level 1	P1070	Mercaptobenzothiazole (2-MBT)
Level 1	P1071	2-Aminoethanol
Level 1	P1072	N-Nitrosamines
Level 1	P1073	p-Phenylenediamine
Level 1	P1074	Acetophenone
Level 1	P1075	Acetophenone azine
Level 1	P1076	Phenolphthalein
Level 2	P2001	PFAS（Per-and Polyfluoroalkyl Substances） Substances containing at least one aliphatic -CF2 or -CF3
Level 2	P2002	Bis(2-methoxyethyl) ether
Level 2	P2003	Acrylates monomers Group1
Level 2	P2005	4,4'- Diaminodiphenylmethane(MDA)
Level 2	P2006	Formaldehyde,oligomeric reaction products with aniline
Level 2	P2007	Nonylphenol, ethoxylated
Level 2	P2008	Poly(oxy-1,2-ethanediyl), α-[(1,1,3,3-tetramethylbutyl)phenyl]-ω-hydroxy-
Restricted Substances	R002	Other phthalates (Exemption-Regulated Substances)
Restricted Substances	R003	Boric acid, Specific sodium borates
Restricted Substances	R004	4-(1,1,3,3-tetramethylbutyl) phenol
Restricted Substances	R005	N,N-dimethylacetamide (DMAC)
Restricted Substances	R006	Ethylene glycol dimethyl ether (EGDME)
Restricted Substances	R007	Trixylyl phosphate（TXP）
Restricted Substances	R008	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)
Restricted Substances	R009	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)

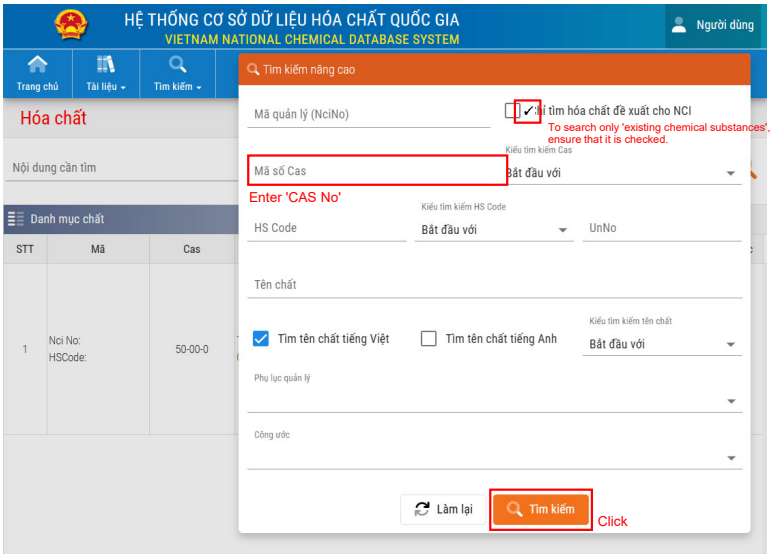
Regulated Level	Reference No.	Substances Name
Restricted Substances	R010	REACH　SVHC (Substances of Very High Concern) *Follow the latest SVHC list https://echa.europa.eu/candidate-list-table
Restricted Substances	R011	Acrylates monomers Group2
Restricted Substances	R012	Alkylphenol Ethoxylates and Alkylphenols(APEO/AP)
Restricted Substances	R013	Bisphenols (Bisphenol A, Bisphenol F, Bisphenol S)
Restricted Substances	R014	Diphenylamine
Restricted Substances	R015	n-Hexane
Restricted Substances	R016	Chlorinated organic solvents
Restricted Substances	R017	Solvents
Restricted Substances	R018	Organic fluorine compounds（Exemption - P2003）
Restricted Substances	R019	Antimony and its compounds
Restricted Substances	R020	Phenol
Restricted Substances	R021	Organictin Compounds
Restricted Substances	R022	Biocides
Restricted Substances	R023	EU REACH Regulation(EC) Annex ⅩⅦ
Managed Substances	M001	Other Polycyclic aromatic hydrocarbons（PAHs）
Managed Substances	M002	Bismuth and its compounds
Managed Substances	M003	Other brominated organic compounds
Managed Substances	M004	Other chlorinated organic compounds
Managed Substances	M005	Cobalt and its compounds
Managed Substances	M006	Inorganic Fluorine Compounds
Managed Substances	M007	Iodine and its compounds excluding the regulatted substances specified by these standards
Managed Substances	M008	chemSHERPA Declarable Substance Ver. (latest Version) excluding the regulated substances specified by these standards
Managed Substances	M009	Low molecular siloxane (≦20 mer)
Managed Substances	M010	Nanomaterials（Particle size : 1~100nm)
Managed Substances	M011	Phosphorus and its compounds
Managed Substances	M012	Cyan compounds
Managed Substances	M013	Sulfur and its compounds
Managed Substances	M014	Zinc and its compounds
Managed Substances	M015	Titanium and its compounds
Managed Substances	M016	Volatile organic compounds (VOCs)
Managed Substances	M017	Rare metal
Managed Substances	M018	TSCA Priority chemicals（20 High-Priority Substances）
Managed Substances	M019	Barium and its compounds
Managed Substances	M020	Chromium, extractable（Excluded：Hexavalent chromium）
Managed Substances	M021	Isocyanates (monomers)
Managed Substances	M022	Nickel and its compounds
Managed Substances	M023	Mica
Managed Substances	M024	Benzyl Alcohol
Managed Substances	M025	Glycidyl ether monomers
Managed Substances	M026	Aluminum and its compounds
Managed Substances	M027	Lithium and its compounds
Managed Substances	M028	Magnesium and its compounds
Managed Substances	M029	Copper and its compounds
Managed Substances	M030	Acrylates monomers Group3
Managed Substances	M031	Biphenyl-4-yl(phenyl)methanone
Managed Substances	M032	Methanone, 1,1'-(phenylphosphinylidene)bis[1-(2,4,6-trimethylphenyl)-
Managed Substances	M033	Ethyl (mesitylcarbonyl)phenylphosphinate
Managed Substances	M034	Mineral oil aromatic hydrocarbons (MOAH) comprising 1 to 7 aromatic rings
Managed Substances	M035	Mineral oil aromatic hydrocarbons (MOAH) comprising 3 to 7 aromatic rings
Managed Substances	M036	Mineral oil saturated hydrocarbons (MOSH) with 16 to 35 carbon atoms

Regulated Level	Reference No.	Substances Name
Managed Substances	M037	Selenium compounds
Managed Substances	M038	Gold and its compounds
Managed Substances	M039	Tin and its compounds (Excluded: Organotin compounds)
Managed Substances	M040	Tantalum and its compounds
Managed Substances	M041	Tungsten and its compounds
Managed Substances	M042	Graphite and its compounds
Managed Substances	M043	Methanol
Managed Substances	M044	Manganese and its compounds
Managed Substances	M045	Vanadium and its compounds
Managed Substances	M046	Silver and its compounds
Managed Substances	M047	Iron and its compounds
Managed Substances	M048	Molybdenum and its compounds
Managed Substances	M049	Palladium and its compounds
Managed Substances	M050	Platinum and its compounds
Managed Substances	M051	Epichlorohydrin
Managed Substances	M052	Methyl phenylglyoxylate
Managed Substances	M053	styrene

VIETNAM NATIONAL CHEMICAL DATABASE SYSTEM : http://chemicaldata.gov.vn

Attention : When using 'Internet Explorer', the following pages may not open.
Please use 'Google Chrome' or 'Microsoft Edge.'





NAMICS Green Procurement Standards_Revision Records

Revision No.	Established/ Revised on	Revision	Reason for revision	Established/ Revised by
9	2012/11/30	To add the environmental policy. To review the overall structure.	To make the contents more easily undertsood.	QA Div.
10	2014/9/19	5 To add the explanation about the case where the vendor is not the manufacturer.	To make the procedures match with actual operations.	QA Div.
		7.4(1) To add the explanation about the case where the vendor is not the manufacturer.		
		7.4(5) 4) To add the explanation about reference No.		
		6.2(6) Change control --> Change management process change notice (PCN) --> Change Application Sheet (for supplier)	To correct an error.	
		7.4 (6) Set of SDS and MSDSplus --> (6) SDS, (7) MSDSplus	To separate the section (6), 7.4 to (6) SDS and (7) MSDS plus based on the review of the List.	
		7.4(7) 3) To add 3) under (7), 7.4.	To ensure that a vendor submits the latest MSDSplus.	
		7.4(7) 4) To add 4) under (7), 7.4.	When the item subject to survey is an indirect material, to require a vendor to submit a necessary document, following the actual operation.	
		7.5 To review the list.	To require a vendor to submit MSDSplus. To require a vendor to submit Attached Form 4 (Chemical composition talbe) only when there is any change.	
		7.5(2) To add a few explanations.	To have a vendor understand the point of the survey.	
		To revise Attached Form 2 Non-inclusion Certificate. (To add Analysis data check items.)	To make the status of Analysis data clearer.	
11	2016/4/25	3 .3(1) To add a few explanations.	To specify the requirements.	QA Div.
		3 .3(2) To add new regulated level: "Reduced Substances"		
		3 .4 To add some definition of terms		
		7.4(2) Overall revisions	Review "Attached Form 2"	
		7.4(3) Overall revisions	Review "Attached Form 3"	
		7.5 To review the list.	To require a vendor to submit Attached Form 3 (Chemical composition table and Global registration status) .	
		Revise the related specification name to '"NAMICS Green Procurement Standards Environmentally Hazardous Chemical Substances List"	In order to follow Definition of Terms in "NAMICS Green Procurement Standards Document".	
		Review various Attached Forms.	In order to increase the consistency with requirements of "NAMICS Green Procurement Standards Document".	
12	2017/6/16	3.2(3) To add “Halogen-free” in Definition of terms.	To specify the requirements about Cl and Br.	QA Div.
		5.2(3) To add a case subject to report.		
		7.4 (3) To add Phthalates as analysis items.	To prepare for the revision of the restricted substances under RoHS Directive.	
		7.4(6) Overall revisions	As “chemSHERPA” is introduced as a submission-required document.	
		7.5 To revise the list based on the review.		

Revision No.	Established/ Revised on	Revision	Reason for revision	Established/ Revised by
13	2018/6/29	7.4 (3) To add Phthalates as mandatory analysis items for raw materials and other materials.	To prepare for the revision of the restricted substances under RoHS Directive.	QA Div.
		7.4(6) To delete MSDSplus from documents to be submitted.	To completely shift to chemSHERPA.	
14	2019/6/28	To delete 3.4 (7) High-precision analysis. 7.4(3) To revise some parts about analysis requirements.	To summarize analysis-related requirements in 7.4 (3).	QA Div.
		7.4(3) To make the substances subject to analysis for raw materials and those for indirect materials same.	To conform to current requirements.	
		7.4(6) To revise the link to download chemSHERPA.	As the link to download chemSHERPA was updated.	
		7.4(6) To revise what need to be paid attention when creating chemSHERPA.	To conform to current requirements.	
		7.5 To specify the required documents for raw materials and those for indirect materials separately. To make the requirements for indirect materials less than those for direct materials.	Based on the review of necessary information.	
15	2020/6/30	7.4(1) , 9.2(2) To revise the way of distributing NAMICS Green Procurement Standards Document.	As NAMICS Green Procurement Standards Document started to be posted in NAMICS website.	QA Div.
16	2021/7/30	Contents To revise wording.	Based on the review.	QA Div.
		3.3(1) Overall revisions.	Based on the review of Form 2.	
		3.4(6) To revise impurity's definition.	To make the description more specific.	
		5.1 Overall revisions.	Based on the review of Form 2.	
		5.2(1)1) Overall revisions.		
		7.4(2) To revise some explanations about Form 2.		
		7.4(4)5) To add a relevant law.	Based on the review of Form 3.	
17	2022/6/30	To revise Form2 and Form3	Based on the review of "NAMICS Green Procurement Standards Environmentally hazardous chemical substances list".	QA Div.
18	2023/8/1	5.2 (1) To revise wording.	To correct typos	QA Div.
		6.2 To revise wording.	To clarify the target	
		7.4 (3) To revise method of requirements test data	To meet the latest analytical requirements	
		7.5 To revise required documents	To match the current situation	
		To revise Form2 and Form3	Based on the review of "NAMICS Green Procurement Standards Environmentally hazardous chemical substances list".	

19	2024/9/1	1.2 To add Quality / Chemical in Product Management Policy	To add content on the Chemical in Product Management Policy within procurement standards.	QA Div.
		2 Overall revisions.	To add content on the Chemical in Product Management Policy within procurement standards.	
		5.2 To add reporting form name.	To clarify the forms to be reported.	
		7.4 (4) , 7.5 To add request for Form3 Supplement	To add survey form.	
		7.4(4) 、7.5、8、9.1 To delete request for Form 4	To delete survey form.	
		To revise Form2 and Form3	Based on the review of "NAMICS Green Procurement Standards Environmentally hazardous chemical substances list".	
		To add Form3 Supplement To delete Form4	To review operations	
20	2025/8/1	1.2 To delete Quality Management Policy	To clarify the purpose of the Green Procurement Standards	QA Div.
		1.3 To add Chemical in Product Management Pol		
		7.4(3) To add halogen analysis requirements	To promote halogen-free design of Namics products and design compliance with global PFAS regulations, please submit halogen analysis data that meets the following requirements	
		7.4(4) To add fluorine content requirements.		
		To revise Form2 and Form3	Based on the review of "NAMICS Green Procurement Standards Environmentally hazardous chemical substances list". To promote halogen-free design of Namics products and design compliance with global PFAS regulations, please submit halogen analysis data that meets the following requirements	
21	2026/6/1	3.3 Change reduced substances to restricted substances	Revision of definitions	QA Div.
		5.2(1) Delete reduced substances	Revision associated with the change to Restricted Substances	
		7.4(4)3) Review of wording	To clarify the explanation	
		7.4(5) Review of wording	To clarify the requirements	
		Form2 To revise Regulated substances	To revise the Environmentally hazardous chemical substances list	
		Form3 To add Recycled Material Usage Survey	To understand the status of recycled material usage in raw materials.	
		Form3 To add additional information to answer halogen content	To clarify the priority of the values to be reported.	