

PHTHALATES AND BISPHENOLS IN NEPAL

MARCH 2026



जनस्वास्थ्य तथा वातावरण प्रवर्द्धन केन्द्र
CENTER FOR PUBLIC HEALTH AND ENVIRONMENTAL DEVELOPMENT
Bridging people with science & technology for healthy living & environmental development



for a healthy toxics-free future

**Regulating Toxic Plastics: Country Situation Reports
and National Campaigns on Phthalates, Bisphenols,
and the Gaps in Protection**

**Prepared By
Ram Charitra Sah
Executive Director and Environment Scientist
CEPHED, Kathmandu, Nepal
Tel/Fax: +877-1-5201786
Mob/WhatsApp: +977 9803047621
Email: info@cephed.org.np**



13 December 2025



Country situation reports on phthalates and bisphenols
Supporting document with background and templates

Phthalates and Bisphenols in Nepal

Executive summary

Name of Participating Organization: Center for Public Health and Environmental Development (CEPHED)

Author(s): Ram Charitra Sah, Ambika Khadka and Archana Sah

Despite Nepal being an underdeveloped country, it did not produce any BPA or Phthalates in the country. There are large quantity of plastic products, which fall under the top 10 imported commodities in Nepal, have been found to increasingly contain BPA and Phthalates. For example:

(a) BPA in Thermal Paper in Asia and in Nepal

The study of Endocrine Disrupting Chemicals (EDCs) such as BPA (Bisphenol A) in THERMAL PAPERS was studied in 318 Eraser Samples from 9 Asian Countries, including Nepal, at Wonjin Institute for Occupational and Environmental Health (WIOEH) laboratory, based in South Korea. There are no regulations that ban the use of BPA and BPS in thermal paper across Asian countries.

BPA in Nepal Thermal Paper samples. There were 31 Thermal Paper samples included in this international study from Nepal in the year 2022. The thermal paper samples were collected from hospitals, pharmacies, banks, ATMs, Public offices, small enterprises, large enterprises, vehicle parking tickets, restaurants, coffee shops, and mobile support service centers, mostly from Kathmandu Valley (Kathmandu, Lalitpur, and Bhaktapur) and Janakpur.

Among Nepalese samples, 94% of thermal paper (29 of 31) contains bisphenol (BPA & BPS), like EDCs, toxic to public health and the environment. 84% (26 of 31) samples were detected with BPA among Nepalese samples, exceeding EU regulatory standards (EU BPA regulation :< 0.02%). Max up to 2.44%, which was 122 times more than the EU standard limits. Four thermal paper samples (13%) from Nepal contain BPS ranging from 0.36 to 0.97%. Two samples (6%) did not contain any bisphenol compounds. BPA ranges from 0.83~2.44%, and BPS ranges from 0.36~0.97%. One sample (NP 10-1 sample -Motor Vehicle Parking Ticket) containing both BPA and BPS. The highest concentration of BPA in thermal paper receipt samples was collected from parking, Coffee Shops, banks (coupon and ATM), and government offices (NEA and Bank), respectively.¹

(b) Phthalates in Eraser

Under the EDC FREE ASIA campaign, 400 eraser samples from 9 Asian countries, including Nepal in 2022, were studied for phthalates. This international study conducted at the Wonjin Institute of

¹ [20230602_624718_StudyofBPAinThermalPapersCEPHED2022.pdf \(qcg-media.s3.amazonaws.com\)](https://www.qcg-media.s3.amazonaws.com/20230602_624718_StudyofBPAinThermalPapersCEPHED2022.pdf)

Occupational and Environmental Health (WIOEH) in South Korea included 53 eraser samples from Nepal.

Of the eraser samples included in the study from Nepal, 38% of the erasers (20 out of 53) contained Phthalates. Which is toxic to public health and the environment, and are endocrine-disrupting chemicals (EDCs). Of the 9 included eraser samples from Nepal (19% of total samples and 45% of detected), the sum of all 7 phthalates exceeded the Korean safety limit for phthalates of 0.1%, and the maximum amount was 25.62%. That is 256 times higher than the Korean safety limit. Among the included eraser samples from Nepal, 14 (26%) DEHP, 14 (26%) DBP, and 4 (7.8%) DIBP phthalates were found, respectively.²

(c) Phthalates in Children's Toys

On January 16, 2017, the government of Nepal adopted a precedent-setting mandatory toy standard that set allowable limits for 12 harmful substances and toxic heavy metals, including lead, cadmium, chromium, barium, zinc, bromine, bisphenol A (BPA) and phthalates. The law was enforced six months later, on July 15, 2017. The standard is the first in the world to limit metals in children's toys based on a total concentration standard, the same way countries regulate lead in paint. During the compliance monitoring of these standards, including phthalates, 52 Children's toy samples were tested for heavy metals, and 5 out of these 52 toy samples were also tested for phthalates. Phthalates were screened at SGS, Taiwan Ltd. Chemical Laboratory, Taipei, using method (CPSC-CH=C1001-09.3+ (2010) by GC/MS. All 5 toy samples analyzed for phthalates contained several phthalates banned in many countries, such as the US and EU, in concentrations higher than the Nepal standard of less than 100 ppm (less than 0.01%) and the limit set by the US Consumer Product Safety Improvement Act (CPSIA) of 0.1 %. Phthalate derivatives called di-(2-ethylhexyl) phthalate (DEHP) at levels 3710-fold higher than the national standard of less than 0.01% were found in the toys collected from the Nepalese market.³

Methods

A wide range of reference materials was collected through internet search and reviewed along with the review of CEPHED's previous studies and reports on the issue related to Phthalates and BPA.

The import and export data of plastic and plastic-related products, as well as different derivatives of the Phthalates and BPS, were also reviewed and extracted from the Department of Customs data on imports of such products from the publicly available customs data on import and export.

² [20230602_924048_StudyofPhthalatesinEraserCEPHED2022.pdf](#)

³ [SUMMARY CEPHED CiP Nepal Toy Report July 21 2018 SUMMARY](#)

The legal information related to regulating BPA and Phthalates was also observed from reviewing the series of Nepalese Standards and found to be included in the toy standards. Unfortunately, the toy standard came into force in January 2018, but has been postponed from being implemented for an indefinite period.

Production and use in the country.

1. How much plastics are produced, imported, and exported in the country?

There is not only one single entity that enumerates and records all kinds of plastics produced, imported, and exported in and from the country of Nepal. However, some of the references have indicated the following quantification of the plastics items produced and/or imported, sold, distributed and used in Nepal in different sectors and areas.

- Nepal imports polyethylene, polypropylene, and polyvinyl chloride as raw materials for plastics manufacturing. These imports come either from Indian producers that offer resin on an ex-works basis or from polymer producers in the Middle East or Asia.
- Nepal's Imports of Plastics and articles were US\$627.96 million in 2021, according to the United Nations COMTRADE database on international trade.⁴
- The import of Plastic containing waste, Plastic Granules and pallets, plastic and plastic products in the fiscal year from mid-July 2024 to mid-July 2025 can be seen in **Annex 1**⁵ ([FTS Annual 2081_82_twybrul.xlsx](#))

2. How many phthalates and/or bisphenols are produced, imported, and exported in the country?

The country did not have exclusive data on the quantification of the Phthalates and /or Bisphenols produced, imported, and exported in the country; however, different derivatives of BPA, as well as phthalates, are imported into the country in various quantities from different countries. Thousands of kilograms of BPA and Phthalates are imported in Nepal for various purposes from India, China, Australia, Malaysia, the Republic of Korea, and the United States.⁶

Regulatory controls on phthalates and/or bisphenols in the country

1. Does the country have any controls on phthalates and/or bisphenols?

⁴ <https://tradingeconomics.com/nepal/imports/plastics>

⁵ Department of Custom Import Data :[FTS Annual 2081_82_twybrul.xlsx](#)

⁶ *the import of BPA in fiscal year Mid July 2024 to Mid July 2025*[FTS Annual 2081_82_twybrul.xlsx](#)

Nepal does not have any known regulatory control on phthalates and BPA in any products as of now. Previously, the toys standard enacted through gazette notification on 16th January 2017 had provisions to limit 12 chemicals, including Phthalates and BPA, in the toys produced, imported, sold, distributed and used in Nepal. The limit for phthalates in toys was less than 100 mg/kg, and that of BPA was said to be BPA Free, i.e. 0 mg/kg. The standard became effective on 18th June 2017, but was suspended on 17th November 2017 by issuing another gazette due to corporate pressure and some technical oversight during the enactment of the standards through another gazette notification.

The standard value for different heavy metals is set by the government of Nepal, which came into effect from July 15, 2017. The standard was set up for the 12 toxic heavy metals and other substances.^{7, 8}

S.No.	Chemicals included in Nepal's Toys Standards	Value (mg/kg)
1	Cadmium (Cd)	75
2	Chromium (Cr)	60
3	Lead (Pb)	90
4	Mercury (Hg)	60
5	Zinc (Zn)	3.75
6	Antimony (Sb)	60
7	Arsenic (Ar)	25
8	Barium (Ba)	1000
0	Bromine (Br),	<100
10	Selenium (Se)	500
11	Bisphenol A	BPA Free (0)
12	Phthalates	<100

Source: Nepal Gazette, Khand 66, No. 48 dated 2073/10/3BS (16th January 2017)

2. Does the country have any regulations on transparency and traceability of chemicals in plastics (labels, databases, consumer rights)?

The country does not have specific regulations on transparency and traceability of chemicals in plastics (labels, databases, consumer rights); however, the two Acts, viz, Consumer Protection Act and Right to Information Act, do have some relevant provisions for the labelling of each consumer product.

If available: Known impacts of phthalates/bisphenols in the country

1. Have there been any studies on phthalates and/or bisphenols in the country?

There is no data regarding the known impacts of phthalates/bisphenols in the country. It does not mean that there is no health impact in Nepal.

2. Are there specific groups of people or places in the country where exposure to phthalates and bisphenols is especially high?

There is no data regarding specific groups of people or places in the country where exposure to phthalates and bisphenols is occurring at high levels, but we have a lot of plastic industries producing new products, as well as recycling the plastic waste, which could be the potential groups of workers and surrounding communities that have high levels of exposure to these chemicals. The previous research had revealed the presence of toxic heavy metals, including BPA and Phthalates in children's toys and hence, children might be a vulnerable group of people

⁷ Suwal, A. et al. (2023). Assessment of Toxic Heavy Metal Content in Children Toys Khwopa Journal 5, (2), 147-162

⁸ Nepal Gazette, Khand 66, No. 48 dated 2073/10/3BS (16th January 2017)

in the country potentially exposed to these chemicals. The share of Children in the total population of Nepal in 2023 was 28.9 per cent in the total population of 30.55 million.⁹

National endeavours to phase out bisphenols and/or phthalates

There has not been any project or campaign to phase out phthalates and BPA in Nepal, as such, at the government level. This is largely about the lack of knowledge and awareness among the concerned government officials and agencies.

So, the main challenges in the process of campaigning for the phasing out of phthalates and BPA are a lack of data on the contamination level of these chemicals in different products. So far, there is only a few data available that has also been generated by CEPHED in thermal paper, erasers, and toys. The rest of the other potential sources have not been explored by others, nor by the governmental agencies. So, data paucity and lack of awareness are the main challenges, along with the absence of a national budget, infrastructures (laboratory), programs, and policies about regulating these forever chemicals, phthalates and BPA.

The following recommendations have been made to initiate the phaseout program of phthalates and BPA from Nepal.

- (a) Carry out regular research on chemicals in products, including phthalates and BPA. There are also over two dozen derivatives of Phthalates. Among these, DAP, DBP, DIBP, DMEP, DNPP, DCP, BBP, DNHP, DiHxP, DIHpP, DEHP, DOP, DIOP¹⁰ are known to be toxic to reproduction, endocrine disrupting. There are different derivatives of BPA, such as Bisphenol AF, Bisphenol F, Bisphenol S, Bisphenol Z, Tetramethyl bisphenol F¹¹, etc., of similar health concern as phthalates.
- (b) Widely disseminate the research report along with the massive mass awareness package and programs.

⁹ [About – Children of Nepal](#)

¹⁰European Chemicals Agency. Retrieved 9 June 2022. Enter CAS No's to validate manually

¹¹ Rochester JR, Bolden AL (July 2015). "[Bisphenol S and F: A Systematic Review and Comparison of the Hormonal Activity of Bisphenol A Substitutes](#)". *Environmental Health Perspectives*. **123** (7): 643–650.

- (c) Enact the required regulatory framework (Acts, Regulations and Standards or banning /phaseout decision) and institutional framework (allocation or establishment of a responsible regulatory authority and suitable laboratory infrastructures).
- (d) Effective implementation of the enacted legislative framework, including banning or phasing out of phthalates and bisphenols from all products. Regular market, industries, import and export monitoring, and strongly regulate these forever chemicals classes/groups like phthalates and bisphenols, etc.

APPENDIX. Country situation report

Country situation report on Phthalates and Bisphenols in Nepal

Authors: Mr. Ram Charitra Sah, Ambika Khadka, Archana Sah



Center for Public Health and Environmental Development (CEPHED)

Centre for Public Health and Environmental Development (CEPHED) is a non-governmental, non-secretariat, and non-profit making organization based in Kathmandu, Nepal. CEPHED was founded in October 2004. Its focus is to serve the Nepalese community in the field of public health and environmental development with a goal of Improved environment management and public health, vision of bridging people with science and technology for healthy living and environmental safety, and mission of acting as a bridging forum between people with science and technologies to make access to new scientific knowledge, technologies, and safety measures of the environment and public health sector through research, coordination, capacity building, and policy dialogue.

CEPHED has established the issue of Chemical Safety and Toxic Chemicals in Nepal by carrying out several pioneering pieces of research in these areas. Some of his pioneering research in Nepal includes Lead in Paints, Lead in Cosmetics, Lead in Noodles, Lead in Ayurvedic medicine, Lead in Cosmetics (Kajal), Personal Hygiene Products (Toothpaste), and Traditional Products (Sindhoo) and Blood lead levels in painters, waste workers, ULAB recyclers, and heavily engaged in a chemical safety program for 25 years. Contributed to adopting mandatory lead paint standards in Nepal. Bio-monitoring of Mercury in fish, fisher folks, and the human body, Mercury in skin whitening creams and Heavy metals in children's toys, pesticides in vegetables, BPA in thermal paper, PFAS in food packaging's, phthalates in children's toys and school stationary (eraser), EDC (trichloro carbon and in personal care products etc. CEPHED research in the field of Occupational Safety and Health (OSH) also include lead in Air in ULAB recycle factory, Welding Fumes characteristics, noise level monitoring in textile, metal workshop and aluminum industries, CO in underground parking, asbestos in break shoe repair and maintenance workshops, lead in school, hospital and household dust etc.

As a result of the research-based campaigns and policy dialogue under CEPHED leadership in Nepal and constructive contribution from its leader, Mr. Ram Charitra Sah, we are proud to name some successful policy influences we from our organization have been able to make. Banning of Import, sale, distribution, and uses of Asbestos; Banning of all mercury-based equipment and mercury dental amalgam in the health sector; banning of dozens of highly hazardous pesticides; banning of plastic bag less than 40 micron, banning of open burning of plastics, banning of single use plastics in Himalayan region, enactment of lead paint standard, cosmetic standards and children's toys standards, etc. are in place protecting large numbers of people, children, women, and workers.

CEPHED has national, regional and global networking with several organizations and networks like ELAW, GAIA, HCWH, IPEN, WAMFD, ZMWG, ANROEV, ABAN, IBAN, OSHPN, and the Asian Center for Environmental Health, and a UNEP-accredited major group NGO from Nepal, etc.

Mahalaxmi Municipality-2, Lalitpur, Kathmandu, Nepal
Tel/Fax: +977 1 5201786, Mob: +977 9803047621
Email: info@cephed.org.np ; www.cephed.org.np



IPEN is a network of over 600 non-governmental organizations working in more than 125 countries to reduce and eliminate the harm to human health and the environment from toxic chemicals. www.ipen.org

1. Introduction

Plastics are a combination of fossil fuels and chemicals. More than 16,000 plastic chemicals, including phthalates and bisphenols, have been identified, and of those, [4,000 are known chemicals of concern](#) that negatively impact human health and/or the environment. Still, [less than one percent](#) of plastic chemicals are regulated internationally throughout the full lifecycle of plastics.

Phthalates and bisphenols are two large groups of plastic chemicals. There are several types of phthalates on the market, and while some are used in non-plastic applications such as personal care products, others are mainly used as plasticizers to produce PVC plastics or in inks and adhesives. Bisphenols are used in a wide range of plastics, including polycarbonate, epoxy, PVC and PET and are found in baby bottles, food packaging, medical equipment, toys, thermal papers, and many other products. In the case of Nepal, Phthalates have been found in soft plastic toys, popular school stationery like erasers, and BPA has also been found in thermal papers.

According to the Department of Customs, Nepal, published annual import statistics (Mid July 2024 to Mid July 2025), thousands of kilograms of phthalates and BPA have been found to be imported in Nepal for various purposes from India, China, Australia, Malaysia, the Republic of Korea and the United States. In addition, thousands of types and large amounts of plastics, granules, products, and even plastic waste are imported into Nepal, possibly containing phthalates and BPA.

Both groups are known endocrine disruptors. Already in the 1930s, Bisphenol A (BPA) was shown to affect hormonal balance, and both groups have been linked to problems with reproduction, cancer, obesity and behavioural changes. Still, almost a hundred years later, there are no global controls, which means that production and use continue to increase. Similarly, phthalates are associated with a wide range of health consequences, including impacts on reproduction, obesity, and disturbances of testosterone and estrogen levels. These groups of chemicals are not considered POPs and are also not regulated globally, and continue to be produced in large volumes annually. Therefore, bisphenols and phthalates are now found everywhere, including in rainwater, in blood and in breastmilk. In the case of Nepal, there are no studies carried out so far exclusively about the health impact of phthalates, and BPA does not mean that there is no health impact of these chemicals in Nepal.

While there are no global regulations, there are some national and regional controls. Often, these regulations are, however, limited to one or a few of the chemicals within the group, which means that other chemicals in the same chemical group are used instead. The regulations may also be limited to a small range of applications/products. Moreover, there is little to no transparency of where they are used, so consumers have no way of avoiding these toxic groups of chemicals.

Nepal did not have a regulatory framework to regulate phthalates and BPA in any products. Earlier enacted children's toys standards included the limits of these chemicals, but the standards have been revoked due to some technical drawbacks and political pressure from Developed countries.

However, the Consumer Protection Act 2075 BS (2018AD) was enacted to consolidate and amend legal provisions related to consumer protection in Nepal. Its primary objectives include:

- **Protecting Consumer Rights:** The act ensures that consumers have the right to quality goods and services, fair pricing, and **accurate information about products.**
- **Judicial Remedies:** It provides mechanisms for consumers to seek legal recourse in cases of unfair trade practices **or harm caused by products or services.**
- **Regulatory Framework:** The act establishes regulatory bodies to monitor market practices and **enforce compliance with consumer rights.**

2. Methods

Collection and review of reference materials, acquiring the import data, legal documents review, and communication and meeting with the concerned government agencies, etc., like approaches have been adopted to acquire information to develop this country's situation report on Phthalates and BPA.

A wide range of reference materials was collected through internet search and reviewed along with the review of CEPHED's previous studies and reports on the Phthalates and BPA issues.

The import and export data of plastic and plastic-related products, as well as different derivatives of the Phthalates and BPA, were also reviewed and extracted from the Department of Customs data on imports of such products from the publicly available customs data on import and export in the last physical year (Mid of July 2024 to Mid of July 2025).

The legal information related to regulating BPA and Phthalates was also observed from reviewing the series of Nepalese Standards and found to be included in the toy standards. Unfortunately, the toy standard enacted on January 2017 by a gazette notification came into force in June 2017, but has been postponed from being implemented for an indefinite period by a gazette notification in November 2017.

Frequent communication with relevant government officials at the Ministry of Forest and Environment, Department of Environment, Department of Customs, etc., were made to inquire about different aspects related to phthalates and BPA, including the legislative framework.

3. Production and use of phthalates and bisphenols in the country

Import of Plastic products and granules

The first global analysis of all mass-produced plastics ever manufactured. It has been estimated that 8300 million metric tons (Mt) of virgin plastics have been produced to date. As of 2015, approximately 6300 Mt of plastic waste had been generated, around 9% of which had been recycled, 12% was incinerated, and 79% was accumulated in landfills or the natural environment. If current production and waste management trends continue, roughly 12,000 Mt.¹²

Nepal, being an unindustrialized country, did not produce any BPA or Phthalates in the country. There is a large number and quantity of plastic products which fall under the top 10 imported commodities in Nepal, which have been found to increasingly contain BPA and Phthalates. For example:

- Nepal imported plastics and plastic products worth 72.34 billion Nepali rupees (568 million US dollars) in the 2021-22 fiscal year that ended in July.¹³ There is no data available in the public domain to understand the quantum of plastic feedstock production in the country.

¹² [Production, use, and fate of all plastics ever made | Science Advances](#)

¹³ [Nepal bans production, import of plastic artificial flower bunches-Xinhua \(news.cn\)](#)

- The plastic industry is a growing industry in Nepal, which has been contributing to the state's revenue. It is estimated that Nepal produces 165,000 tons of plastic products every year. To produce plastic goods, around 170,000 tons of polymer resins (raw materials) are imported from India every year.¹⁴
- Nepal's Imports of Plastics and articles were US\$627.96 million in 2021, according to the United Nations COMTRADE database on international trade.¹⁵
- In 2021, Nepal imported \$38.3M in Other Plastic Products, becoming the 106th largest importer of Other Plastic Products in the world. In the same year, Other Plastic Products was the 72nd most imported product in Nepal. Nepal imports Other Plastic Products primarily from: China (\$23.5M), India (\$8.67M), the United States (\$1.7M), Australia (\$1.51M), and Ireland (\$899k).
- The fastest-growing import markets in Other Plastic Products for Nepal between 2020 and 2021 were China (\$11.2M), India (\$2.76M), and the United States (\$1.63M).¹⁶
- The import of Plastic containing waste, Plastic Granules and pallets, plastic and plastic products in the fiscal year from mid-July 2024 to mid-July 2025 can be seen in **Annex 1**¹⁷ ([FTS_Annual_2081_82_twybrul.xlsx](#))

Import of BPA:

The country did not have exclusive data on the quantification of the Phthalates and /or Bisphenols that are produced, imported, and exported in the country; however, different derivatives of BPA, as well as phthalates, are imported into the country in various quantities from different countries. Thousands of kilograms of BPA and Phthalates are imported in Nepal for various purposes from India, China, Australia, Malaysia, the Republic of Korea and the United States.

BPA: HS Code 29072300: 4,4'-Isopropylidenediphenol (Bisphenol A, Diphenylolpropane) and its salts

¹⁴ <https://www.ipl.org/essay/Plastic-Uses-And-Use-Of-The-Plastic-F37RYQ7ESJP6>

¹⁵ <https://tradingeconomics.com/nepal/imports/plastics>

¹⁶ <https://oec.world/en/profile/bilateral-product/other-plastic-products/reporter/npl?>

¹⁷ Department of Custom Data on Import of goods in Nepal, [FTS_Annual_2081_82_twybrul.xlsx](#)

The HS Code 29072300 refers to the product 4,4'-Isopropylidenediphenol, also known as Bisphenol A or Diphenylolpropane, and its salts. This code is used to classify and regulate the import and export of this specific product. In this article, we will explore more about this product, its uses, and the tariff rates associated with it.

4,4'-Isopropylidenediphenol is a chemical compound commonly used in the production of plastics, specifically polycarbonate plastics and epoxy resins. It is a key ingredient in the manufacturing of various consumer goods, including food and beverage containers, baby bottles, medical devices, electronics, and automotive parts. Its versatility and durability make it a preferred choice in many industries.

When importing or exporting 4,4'-Isopropylidenediphenol, it is important to consider the HS Code 29072300. This code helps customs authorities identify and classify the product correctly, ensuring proper regulation and control. Businesses involved in the international trade of this chemical must be familiar with the HS Code and comply with the associated requirements.

The Bound / MFN duty rate for HS Code 29072300 is 5.5%. This means that every time a country lowers a trade barrier or opens up a market, it must do so for the same goods or services from all its trading partners. The duty rate is applied to the value of the product and is typically paid by the importer. However, it is important to note that duty rates may vary depending on specific trade agreements or special tariff preference programs.

For HS Code 29072300, several special tariff preference programs are applicable. These programs offer reduced or duty-free treatment for the import of 4,4'-Isopropylidenediphenol in certain countries. The programs include:

HS Code	Description	Partner Countries	Unit	Quantity	Imports Value in 1000
29072300	4,4-isopropylidenediphenol (bisphenol, diphenylolpropane) and salts	India	Kg	1	95
29072900	Other polyphenols, phenol-alcohols nes	Australia	Kg	0	120
29072900	Other polyphenols, phenol-alcohols nes	China	Kg	0	3
29072900	Other polyphenols, phenol-alcohols nes	India	Kg	34591	30794
29072900	Other polyphenols, phenol-alcohols nes	United States	Kg	0	134
29081900	Other - Derivatives containing only halogen substituents & their salts.	India	Kg	1553	419
29089900	Other - Sulphonated, nitrated or nitrosated derivatives of phenols or phenol-alcohol	India	Kg	1895	448

Source: *the import of BPA in fiscal year Mid July 2024 to Mid July 2025* [FTS Annual 2081_82 twybrul.xlsx](#)

Thousands of kilograms of BPA are imported in Nepal for various purposes from India, Australia, China, United States.

Import of Phthalates:

Specifically, phthalates are classified under the following HS code: HS Code: **2917.32**. This code is part of the broader category: 2917: Polycarboxylic acids, their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives.

HS Code	Description	Partner Countries	Unit	Quantity	Imports Value in 1000
29173200	Dioctyl orthophthalates	China	Kg	23000	3778

29173200	Dioctyl orthophthalates	India	Kg	116000	23439
29173200	Dioctyl orthophthalates	Malaysia	Kg	1372390	258695
29173300	Dinonyl or didecyl orthophthalates	India	Kg	210	64
29173400	Other esters of orthophthalic acid, nes	India	Kg	489353	97696
29173500	Phthalic anhydride	India	Kg	224873	41223
29173700	Dimethyl terephthalate	China	Kg	5	4
29173900	Aromatic polycarboxylic acids, etc, their derivatives, nes, others	China	Kg	46000	7637
29173900	Aromatic polycarboxylic acids, etc, their derivatives, nes, others	India	Kg	586509	123098
29173900	Aromatic polycarboxylic acids, etc, their derivatives, nes, others	Korea, Republic of	Kg	96000	23538
29173900	Aromatic polycarboxylic acids, etc, their derivatives, nes, others	Malaysia	Kg	269860	52953
Source: <i>the import of phthalates in fiscal year Mid July 2024 to Mid-July 2025</i> FTS_Annual_2081_82_twybrul.xlsx					

Thousands of kilograms of phthalates have been found to be imported into Nepal for various purposes from India, China, Korea, and Malaysia.

Research findings of BPA and Phthalates in Nepal

(a) BPA in Thermal Paper in Asia and in Nepal

The study of Endocrine Disrupting Chemicals (EDCs) such as BPA (Bisphenol A) in THERMAL PAPERS was studied in 318 Eraser Samples from 9 Asian Countries, including Nepal, at Wonjin Institute for Occupational and Environmental Health (WIOEH) laboratory, based in South Korea. There are no regulations that ban the use of BPA and BPS in thermal paper across Asian countries.

BPA in Asian Countries: BPA detection frequency in thermal papers was higher in most Southeast Asian countries, including Nepal. BPA was found in 54.7% (174 of 318) thermal paper samples, and the value ranges from 0.76 to 2.44 % of the weight of the samples, with an average value of 1.26 % by weight. Other derivatives of bisphenol BPS were found in 37.7% (120 of 318) thermal paper samples, and the value ranges from 0.36 to 1.23 % of the weight of the samples, with an average value of 0.69 % by weight. 7.9 % (25 of 318) Thermal paper did not detect any BPA. Thermal papers from the Public Office, Bank, and Hospital were revealed to have a higher detection frequency of PBA and BPS. A similar trend prevailed in the case of Nepal as well. Most thermal receipts collected from Asian countries contain BPA (54.7%) or BPS (37.7%). The thermal receipt might be one of the main exposures to BPA/BPS in Asian countries. The latest studies have shown that BPS has similar toxicity to BPA.

BPA in Nepal Thermal Paper samples. There were 31 Thermal Paper samples included in this international study from Nepal in the year 2022. The thermal paper samples were collected from hospitals, pharmacies, banks, ATMs, Public offices, small enterprises, large enterprises, vehicle parking tickets, restaurants, coffee shops, and mobile support service centers, mostly from Kathmandu Valley (Kathmandu, Lalitpur, and Bhaktapur) and Janakpur.

Among Nepalese samples, 94% of thermal paper (29 of 31) contains bisphenol (BPA & BPS), like EDCs, toxic to public health and the environment. 84% (26 of 31) samples were detected with BPA among Nepalese samples, exceeding EU regulatory standards (EU BPA regulation :< 0.02%). Max up to 2.44%, which was 122 times more than the EU standard limits. Four thermal paper samples (13%) from Nepal contain BPS ranging from 0.36 to 0.97%. Two samples (6%) did not contain any bisphenol compounds. BPA ranges from 0.83~2.44%, and BPS ranges from 0.36~0.97%. One sample (NP 10-1 sample -Motor Vehicle Parking Ticket) containing both BPA and BPS. The highest concentration of

PBA in thermal paper receipt samples was collected from parking, Coffee Shops, banks (coupon and ATM), and government offices (NEA and Bank), respectively.¹⁸

(b) Phthalates in Eraser

Under the EDC FREE ASIA campaign, 400 eraser samples from 9 Asian countries, including Nepal, in the years 2022, were studied for phthalates. This international study conducted at the Wonjin Institute of Occupational and Environmental Health (WIOEH) in South Korea included 53 eraser samples from Nepal.

Of the eraser samples included in the study from Nepal, 38% of the erasers (20 out of 53) contained Phthalates. These are toxic to public health and the environment and are endocrine-disrupting chemicals (EDCs). Of the 9 included eraser samples from Nepal (19% of total samples and 45% of detected), the sum of all 7 phthalates exceeded the Korean safety limit for phthalates of 0.1%, and the maximum amount was 25.62%. That is 256 times higher than the Korean safety limit. Among the included eraser samples from Nepal, 14 (26%) DEHP, 14 (26%) DBP, and 4 (7.8%) DIBP phthalates were found, respectively.¹⁹

(c) Phthalates in Children's Toys

On January 16, 2017, the government of Nepal adopted a precedent-setting mandatory toy standard that set allowable limits for 12 harmful substances and toxic heavy metals, including lead, cadmium, chromium, barium, zinc, bromine, bisphenol A (BPA) and several phthalates. The law was enforced six months later, on July 15, 2017. The standard is the first in the world to limit metals in children's toys based on a total concentration standard, the same way countries regulate lead in paint. During the compliance monitoring of these standards, including phthalates, a total of 52 Children's toy samples were tested for heavy metals, and 5 out of these 52 toy samples were also tested for phthalates. Phthalates were screened at SGS, Taiwan Ltd. Chemical Laboratory, Taipei, using method (CPSC-CH=C1001-09.3+ (2010) by GC/MS. All 5 toy samples analyzed for phthalates contained several phthalates banned in many countries, including the US and EU, in concentrations higher than the Nepal standard of less than 100 ppm (less than 0.01%) and the limit set by the US Consumer Product Safety Improvement Act (CPSIA) of 0.1 %. Phthalate derivatives called di-(2-ethylhexyl) phthalate (DEHP) at levels 3710-fold higher than the national standard of less than 0.01% were found in the toys collected from the Nepalese market.²⁰

¹⁸ [20230602_624718_StudyofBPAinThermalPapersCEPHED2022.pdf \(qcg-media.s3.amazonaws.com\)](https://www.amazonaws.com/qcg-media.s3.amazonaws.com/20230602_624718_StudyofBPAinThermalPapersCEPHED2022.pdf)

¹⁹ [20230602_924048_StudyofPhthalatesinEraserCEPHED2022.pdf](https://www.amazonaws.com/qcg-media.s3.amazonaws.com/20230602_924048_StudyofPhthalatesinEraserCEPHED2022.pdf)

²⁰ [SUMMARY CEPHEd CiP Nepal Toy Report July 21 2018 SUMMARY](#)

Sample No	Country of origin	Product type	Place of purchase	Phthalates (%) *	National standard	Standards from other countries
1. Crocodile	China	Soft Rubber	Bhotebahal, Kathmandu	DEHP-12.5 DINP-0.570 DIBP-0.246	< 100 or 0.01%	CPSIA limit 0.1 %
2. Tortoise	India	Soft Rubber	Bisal Bazar Kathmandu	DBP-0.0159 DEHP-37.1 DINP-0.0189 DIBP-0.0976	< 100 or 0.01%	CPSIA limit 0.1 %
3. Teddy bear	China	Soft Rubber	Janakpur , Dhanusha	DEHP-15.5 DIBP-18.3	< 100 or 0.01%	CPSIA limit 0.1 %
4. Panda	China	Soft Rubber	Bhotebahal Kathmandu	DEHP-7.61 DIBP-8.97	< 100 or 0.01%	CPSIA limit 0.1 %
5. Giraffe	China	Soft Rubber	Bhotebahal Kathmandu	DEHP-16.0 DIBP-15.6	< 100 or 0.01%	CPSIA limit 0.1 %
Remarks : concentration of most of the tested phthalates exceeds the US Consumer Product Safety Improvement Act (CPSIA) limits in the tested toys and all samples contain phthalates at levels that exceed Nepal national standard of phthalates in toys.						
* DEHP= Di EthylHexyl Phthalate , DINP= Diisononyl phthalate , DIBP=Diisobutyl phthalate , DBP=Dibutyl phthalate						



Figure 4. Toys samples tested for phthalates

4. Regulatory controls in the country

Very few countries around the world regulate BPA in plastic products. There are legal restriction in some plastic products on BPA in India, Malaysia, China, Indonesia, Sri Lanka, Columbia, Canada, Argentina, Brazil, Paraguay, Uruguay, Venezuela, Bolivia, Turkey, south Korea, Several members of EU (Denmark, Belgium, Sweden, France) and different states of the USA(California, Connecticut, Delaware, Illinois, Maine, Maryland, Massachusetts, Minamata, Nevada, New York, Vermont, Washington, and Wisconsin).²¹

Nepal does not have any known regulatory control on phthalates and BPA in any products as of now. Previously, the toys standard enacted through gazette notification on 16th January 2017 had provisions to limit 12 chemicals, including Phthalates and BPA, in toys produced, imported, sold, distributed and used in Nepal. The limit for total phthalates in toys was less than 100 mg/kg, and that of BPA was said

²¹ [ipen-bpa-2021-v1_6q.pdf](#)

to be BPA Free, i.e. 0 mg/kg. The standard became effective on 18th June 2017, but was suspended on 17th November 2017 due to corporate pressure and some technical oversight during the enactment of the standards.

MOFE Enacted mandatory Toys Standard by a Gazette Notification (16th Jan 2017), Became effective (18th June 2017) and Suspended (17th Nov 2017) due to Corporate Sector pressure and proposed Weaker standard long back (30th May 2018), not yet Gazetted

Enacted

S.No.	Parameters	Standard (ppm) Maximum Value	Standard (mg/kg) Maximum Value
1	Cadmium (Cd)	75	75
2	Chromium (Cr)	60	60
3	Lead (Pb)	90	90
4	Mercury(Hg)	60	60
5	Zinc (Zn)	3.75	3.75
6	Antimony (Sb)	60	60
7	Arsenic (Ar)	25	25
8	Barium (Ba)	1000	1000
9	Selenium (Se)	500	500
10	Bromine (Br)	< 100	< 100
11	Bis Phenol A (BPA)	BPA Free	BPA Free
12	Phthalates	< 100	< 100

Suspended



Proposed Weaker



Corporate & Diplomatic Pressure as well as the World Trade Organization (WTO) has played a role in suspending the standards

The country does not have specific regulations on transparency and traceability of chemicals in plastics (labels, databases, consumer rights); however, the two Acts, viz, Consumer Protection Act and Right to Information Act, do have some relevant provisions for the labelling of each consumer product.

The Consumer Protection Act, 2075 (2018AD) in Nepal aims to safeguard consumer rights, ensure quality goods and services, and provide legal remedies for consumers. The Consumer Protection Act was enacted to consolidate and amend legal provisions related to consumer protection in Nepal. Its primary objectives include:

- **Protecting Consumer Rights:** The act ensures that consumers have the right to quality goods and services, fair pricing, and **accurate information about products.**
- **Judicial Remedies:** It provides mechanisms for consumers to seek legal recourse in cases of unfair trade practices **or harm caused by products or services.**
- **Regulatory Framework:** The act establishes regulatory bodies to monitor market practices and **enforce compliance with consumer rights.**

Under the Consumer Protection Act, consumers in Nepal are entitled to several rights, including:

1. **Right to Quality:** Consumers have the right to receive goods and services that meet established quality standards.
2. **Right to Information:** Consumers must be informed about the price, quantity, and quality of goods and services before purchase.
3. **Right to Safety:** Consumers are entitled to protection from goods and services that may harm their health or safety.
4. **Right to Redress:** Consumers have the right to seek compensation for any harm or injury caused by the use of goods or services.

As of early 2025, the government of Nepal has intensified efforts to enforce the Consumer Protection Act. This includes:

- **Market Inspections:** Central, provincial, and local monitoring committees are actively inspecting markets to ensure compliance with labelling standards and consumer rights.
- **Consumer Courts:** A specialized Consumer Court has been established to address consumer grievances swiftly, with plans to expand this service nationwide.

- **Public Awareness:** The Consumer Protection Council is working to develop policies and raise public awareness about consumer rights and protections.

The Consumer Protection Act, 2075, represents a significant step towards creating a fair and transparent marketplace in Nepal, empowering consumers and holding businesses accountable for their practices.

The Consumer Protection Act has defined the term "Label" as a tag, sign, picture or other descriptive thing written, printed, lithographed, signed, embossed, included or displayed in any other manner, in or on the goods or the container containing such goods.

Chapter 2 of the Consumer Protection Act has provisions relating to Consumer Protection, and section 6 of the Act has specific provisions for affixing a proper label to the products.

To affix a label:

- (1) A producer shall have to affix a label on the goods produced by him or her.
- (2) The following matters shall have to be mentioned in the label pursuant to sub-section (1):
 - a. Name, address of the producer and registration number of the industry,
 - b. Mixture, ingredient of mixture, quantity and weight of the goods, in such goods as food, medicines and cosmetics,
 - c. In the case of the goods of which quality has been determined, the quality of such goods,
 - d. Mode of using the goods and side effects likely to occur due to the use of such goods,
 - e. In the case of the goods supposed to be used within a certain deadline, such a deadline,
 - f. Retail price, batch number and date of manufacture of the goods,
 - g. If it is electronic, hardware, electrical, machinery or goods to be in use for a long time, guarantee or warranty and guarantee or warranty date of such goods, and other necessary things in accordance with the law related to such goods,
 - h. If any defect is seen in the condition referred to in the clause provision to make reimbursement or to repair for a certain period,
 - i. In the case of the goods that are inflammable, hazardous or likely to break down easily, details relating to the precautions to be adopted for the safety of such goods,
 - j. Maximum retail price to be incurred after including all types of taxes applicable to the goods,
 - k. Any process is supposed to be fulfilled before using any goods, such as a process; and harm and injury are likely to occur when it is used without fulfilling such a process.
 - l. Use of awareness-oriented message, picture or sign on the label of the materials of the types that cause harm to human health,
 - m. Other matters as prescribed.
- (3) The matters to be specified in the label pursuant to sub-section (2) shall have to be written in the Nepali or English language by the producer in the case of the goods produced within Nepal and by the importer in the case of the goods imported, in a way which can be understood by common people.
- (4) The goods on which a label is not affixed pursuant to sub-section (3) shall not be allowed to be imported, sold and distributed in Nepal.
- (5) Notwithstanding anything contained elsewhere in this Section, it shall not be necessary to specify the matters outlined in this Section while selling consumable goods such as vegetables and fruits to be sold openly. Provided that the label shall have to be affixed to the imported vegetables and fruits.

The failure to make the labelling pursuant to Section 6 or mentioning false matters in the label has been considered an offence and is liable to a penalty.

In addition, Nepal has enacted the **Right to Information Act 2007 AD** to make access to citizens simple and easy to the information of public importance held in public bodies; and for the necessity to have legal provisions to protect the right of the citizen to be well-informed and to bring it into practice. It has the provision that every citizen shall have access to the information held in the public Bodies. A Public

Body shall arrange for an Information Officer for the purpose of disseminating information held in its office.

5. If available: Known impacts of phthalates/bisphenols in the country

- a. *Have there been any studies on phthalates and/or bisphenols in the country? Briefly describe, and when possible, please specify which phthalates and/or bisphenols the data covers.*

There is no data regarding the known impacts of phthalates/bisphenols in the country. It does not mean that there is no health impact in Nepal.

There is no data regarding specific groups of people or places in the country where exposure to phthalates and bisphenols is occurring at high levels, but we have a lot of plastic industries producing new products, as well as recycling the plastic waste, which could be the potential groups of workers and surrounding communities that have a high level of exposure to these chemicals.

- b. *Are there specific groups of people or places in the country where exposure to phthalates and bisphenols is especially high?*

There is no data regarding specific groups of people or places in the country where exposure to phthalates and bisphenols is occurring at high levels, but we have a lot of plastic industries producing new products, as well as recycling the plastic waste, which could be the potential groups of workers and surrounding communities that have a high level of exposure to these chemicals.

6. National endeavours to phase out bisphenols and/or phthalates

There has not been any project or campaign to phase out phthalates and BPA in Nepal, as such, at the government level. This is largely about the lack of knowledge and awareness among the concerned government officials and agencies.

So, the main challenges in the process of campaigning for the phasing out of phthalates and BPA are a lack of data on the contamination level of these chemicals in different products. So far, there is only a few data available that has also been generated by CEPHED in thermal paper, erasers, and toys. The rest of the other potential sources have not been explored by others, nor by the governmental agencies. So, data paucity and lack of awareness are the main challenges, along with the absence of a national budget, infrastructures (laboratory), programs, and policies about regulating these forever chemicals, phthalates and BPA.

The following recommendations have been made to initiate the phaseout program of phthalates and BPA from Nepal.

- (a) Carry out regular research on chemicals in products, including phthalates and BPA.
- (b) Widely disseminate the research report along with the massive mass awareness package and programs.
- (c) Enact the required regulatory framework (Acts, Regulations and Standards or banning /phaseout decision) and institutional framework (allocation or establishment of a responsible regulatory authority and suitable laboratory infrastructures).
- (d) Effective implementation of the enacted legislative framework, including banning or phasing out of phthalates and PBA from all potential products.

(e) Regular market, industries, import and export monitoring, and strongly regulate these forever chemicals classes/groups like phthalates and BPA, etc.

Annex 1: Import of Plastics in Nepal

The table below shows the import of plastic and plastic products in the fiscal year from Mid July 2024 to Mid July 2025²²

Plastic Wastes

HSCode	Description	Partner Countries	Unit	Quantity	Imports_Value in 1000 (NRP)
39151000	Waste, parings and scraps of polymers of ethylene	India	Kg	1476	178
39152000	Waste, parings and scraps of polymers of syrene	Brazil	Kg	1	11
39153000	Waste, parings and scraps of polymers of vinyl chloride	China	Kg	24	30
39159000	Waste, parings and scrap, of other plastic, nes	China	Kg	231481	14201
39159000	Waste, parings and scrap, of other plastic, nes	India	Kg	2175	226

Plastic Granules and pallets

39161000	Monofilament >1mm, rods and profile shapes of polymers of ethylene.	China	Kg	21290	4060
39161000	Monofilament >1mm, rods and profile shapes of polymers of ethylene.	India	Kg	4814	2392
39162000	Monofilament >1mm, rods, etc, of polymers of vinyl chloride	China	Kg	3290805	594033
39162000	Monofilament >1mm, rods, etc, of polymers of vinyl chloride	India	Kg	61322	18285
39162000	Monofilament >1mm, rods, etc, of polymers of vinyl chloride	Korea, Republic of	Kg	42784	14641
39162000	Monofilament >1mm, rods, etc, of polymers of vinyl chloride	Malaysia	Kg	15	37
39162000	Monofilament >1mm, rods, etc, of polymers of vinyl chloride	Swaziland	Kg	128	377
39169000	Monofilament >1mm, rods and profile shapes of other plastics, nes	China	Kg	1643453	300446
39169000	Monofilament >1mm, rods and profile shapes of other plastics, nes	France	Kg	2	104
39169000	Monofilament >1mm, rods and profile shapes of other plastics, nes	Germany	Kg	54	494
39169000	Monofilament >1mm, rods and profile shapes of other plastics, nes	India	Kg	16208	8088

²² [FTS_Annual_2081_82_twybrul.xlsx](#)

39169000	Monofilament >1mm, rods and profile shapes of other plastics, nes	Netherlands	Kg	95	591
39169000	Monofilament >1mm, rods and profile shapes of other plastics, nes	Taiwan, Province of China	Kg	1	4
39169000	Monofilament >1mm, rods and profile shapes of other plastics, nes	Thailand	Kg	6	3
39171000	Artificial guts of hardened proteins or cellulose materials	China	Kg	41698	25044
39171000	Artificial guts of hardened proteins or cellulose materials	Czech Republic	Kg	7	3
39171000	Artificial guts of hardened proteins or cellulose materials	India	Kg	17529	5058
39171000	Artificial guts of hardened proteins or cellulose materials	Spain	Kg	8484	13826
39171000	Artificial guts of hardened proteins or cellulose materials	United States	Kg	3	2
39171000	Artificial guts of hardened proteins or cellulose materials	Uzbekistan	Kg	0	0
39172100	Tubes, pipes and hoses, rigid, of polymers of ethylene.	China	Kg	93329	26092
39172100	Tubes, pipes and hoses, rigid, of polymers of ethylene.	Denmark	Kg	510	196
39172100	Tubes, pipes and hoses, rigid, of polymers of ethylene.	India	Kg	1282214	293943
39172100	Tubes, pipes and hoses, rigid, of polymers of ethylene.	Indonesia	Kg	4	19
39172100	Tubes, pipes and hoses, rigid, of polymers of ethylene.	Mexico	Kg	0	3
39172100	Tubes, pipes and hoses, rigid, of polymers of ethylene.	Netherlands	Kg	1	6
39172100	Tubes, pipes and hoses, rigid, of polymers of ethylene.	United States	Kg	5	44
39172200	Tubes, pipes and hoses, rigid, of polymers of propylene	China	Kg	15856	6803
39172200	Tubes, pipes and hoses, rigid, of polymers of propylene	Germany	Kg	2	64
39172200	Tubes, pipes and hoses, rigid, of polymers of propylene	India	Kg	3130	1004
39172200	Tubes, pipes and hoses, rigid, of polymers of propylene	Malaysia	Kg	1	1
39172200	Tubes, pipes and hoses, rigid, of polymers of propylene	Thailand	Kg	9252	7151
39172200	Tubes, pipes and hoses, rigid, of polymers of propylene	Turkey	Kg	15	109
39172300	Tubes, pipes and hoses, rigid, of polymers of vinyl chloride	China	Kg	21395	7661
39172300	Tubes, pipes and hoses, rigid, of polymers of vinyl chloride	France	Kg	1	3
39172300	Tubes, pipes and hoses, rigid, of polymers of vinyl chloride	Germany	Kg	5	77
39172300	Tubes, pipes and hoses, rigid, of polymers of vinyl chloride	India	Kg	810888	242962
39172300	Tubes, pipes and hoses, rigid, of polymers of vinyl chloride	Korea, Republic of	Kg	20	17

39172300	Tubes, pipes and hoses, rigid, of polymers of vinyl chloride	Malaysia	Kg	199175	76454
39172300	Tubes, pipes and hoses, rigid, of polymers of vinyl chloride	Not Specified	Kg	58	6
39172300	Tubes, pipes and hoses, rigid, of polymers of vinyl chloride	Qatar	Kg	9	2
39172300	Tubes, pipes and hoses, rigid, of polymers of vinyl chloride	Taiwan, Province of China	Kg	143	175
39172900	Tubes, pipes and hoses, rigid, of other plastics, nes	China	Kg	77511	32815
39172900	Tubes, pipes and hoses, rigid, of other plastics, nes	Germany	Kg	3	204
39172900	Tubes, pipes and hoses, rigid, of other plastics, nes	India	Kg	65592	24547
39172900	Tubes, pipes and hoses, rigid, of other plastics, nes	Israel	Kg	0	12
39172900	Tubes, pipes and hoses, rigid, of other plastics, nes	Japan	Kg	11	212
39172900	Tubes, pipes and hoses, rigid, of other plastics, nes	Korea, Republic of	Kg	0	2
39172900	Tubes, pipes and hoses, rigid, of other plastics, nes	Not Specified	Kg	4	7
39172900	Tubes, pipes and hoses, rigid, of other plastics, nes	Qatar	Kg	7	2
39172900	Tubes, pipes and hoses, rigid, of other plastics, nes	Taiwan, Province of China	Kg	1270	1469
39172900	Tubes, pipes and hoses, rigid, of other plastics, nes	United Kingdom	Kg	0	8
39172900	Tubes, pipes and hoses, rigid, of other plastics, nes	United States	Kg	5	1379
39172900	Tubes, pipes and hoses, rigid, of other plastics, nes	Uzbekistan	Kg	0	0
39172900	Tubes, pipes and hoses, rigid, of other plastics, nes	Viet Nam	Kg	0	3
39173100	Flexible tubes, pipes and hoses, with a burst pressure ≥ 276 mpa	Austria	Kg	21	394
39173100	Flexible tubes, pipes and hoses, with a burst pressure ≥ 276 mpa	Belgium	Kg	32	319
39173100	Flexible tubes, pipes and hoses, with a burst pressure ≥ 276 mpa	China	Kg	23156	12259
39173100	Flexible tubes, pipes and hoses, with a burst pressure ≥ 276 mpa	France	Kg	9	132
39173100	Flexible tubes, pipes and hoses, with a burst pressure ≥ 276 mpa	Germany	Kg	1	19
39173100	Flexible tubes, pipes and hoses, with a burst pressure ≥ 276 mpa	India	Kg	88489	34981
39173100	Flexible tubes, pipes and hoses, with a burst pressure ≥ 276 mpa	Italy	Kg	2	24
39173100	Flexible tubes, pipes and hoses, with a burst pressure ≥ 276 mpa	Japan	Kg	24	1391
39173100	Flexible tubes, pipes and hoses, with a burst pressure ≥ 276 mpa	Not Specified	Kg	220	55

39173100	Flexible tubes, pipes and hoses, with a burst pressure ≥ 276 mpa	Spain	Kg	56	1131
39173100	Flexible tubes, pipes and hoses, with a burst pressure ≥ 276 mpa	United Arab Emirates	Kg	8	6
39173100	Flexible tubes, pipes and hoses, with a burst pressure ≥ 276 mpa	United States	Kg	34	3465
39173200	Tubes, pipes and hoses, not reinforced, without fittings, nes	China	Kg	3903	4083
39173200	Tubes, pipes and hoses, not reinforced, without fittings, nes	Czech Republic	Kg	5	84
39173200	Tubes, pipes and hoses, not reinforced, without fittings, nes	France	Kg	0	10
39173200	Tubes, pipes and hoses, not reinforced, without fittings, nes	Germany	Kg	8	41
39173200	Tubes, pipes and hoses, not reinforced, without fittings, nes	Hungary	Kg	0	4
39173200	Tubes, pipes and hoses, not reinforced, without fittings, nes	India	Kg	9819	4886
39173200	Tubes, pipes and hoses, not reinforced, without fittings, nes	Italy	Kg	3	2
39173200	Tubes, pipes and hoses, not reinforced, without fittings, nes	Japan	Kg	1	50
39173200	Tubes, pipes and hoses, not reinforced, without fittings, nes	Not_Specified	Kg	74	3
39173200	Tubes, pipes and hoses, not reinforced, without fittings, nes	Switzerland	Kg	1	36
39173200	Tubes, pipes and hoses, not reinforced, without fittings, nes	Thailand	Kg	47	110
39173200	Tubes, pipes and hoses, not reinforced, without fittings, nes	Turkey	Kg	1	106
39173200	Tubes, pipes and hoses, not reinforced, without fittings, nes	United Kingdom	Kg	3	10
39173200	Tubes, pipes and hoses, not reinforced, without fittings, nes	United States	Kg	2	81
39173300	Tubes, pipes and hoses, not reinforced, with fittings attached, nes.	China	Kg	2307	1365
39173300	Tubes, pipes and hoses, not reinforced, with fittings attached, nes.	Finland	Kg	0	18
39173300	Tubes, pipes and hoses, not reinforced, with fittings attached, nes.	France	Kg	2	208
39173300	Tubes, pipes and hoses, not reinforced, with fittings attached, nes.	Germany	Kg	15	157
39173300	Tubes, pipes and hoses, not reinforced, with fittings attached, nes.	India	Kg	1777	863
39173300	Tubes, pipes and hoses, not reinforced, with fittings attached, nes.	Ireland	Kg	1	29
39173300	Tubes, pipes and hoses, not reinforced, with fittings attached, nes.	Japan	Kg	2	65
39173300	Tubes, pipes and hoses, not reinforced, with fittings attached, nes.	Poland	Kg	3	42
39173300	Tubes, pipes and hoses, not reinforced, with fittings attached, nes.	Qatar	Kg	10	1
39173300	Tubes, pipes and hoses, not reinforced, with fittings attached, nes.	Romania	Kg	10	30

39173300	Tubes, pipes and hoses, not reinforced, with fittings attached, nes.	Singapore	Kg	8	329
39173300	Tubes, pipes and hoses, not reinforced, with fittings attached, nes.	Slovakia	Kg	8	25
39173300	Tubes, pipes and hoses, not reinforced, with fittings attached, nes.	Sweden	Kg	1	89
39173300	Tubes, pipes and hoses, not reinforced, with fittings attached, nes.	Switzerland	Kg	12	1860
39173300	Tubes, pipes and hoses, not reinforced, with fittings attached, nes.	Turkey	Kg	2	98
39173300	Tubes, pipes and hoses, not reinforced, with fittings attached, nes.	United Kingdom	Kg	0	31
39173300	Tubes, pipes and hoses, not reinforced, with fittings attached, nes.	United States	Kg	1	52
39173900	Other tubes, pipes and hoses, nes	China	Kg	85394	36337
39173900	Other tubes, pipes and hoses, nes	Czech Republic	Kg	0	5
39173900	Other tubes, pipes and hoses, nes	Denmark	Kg	6	605
39173900	Other tubes, pipes and hoses, nes	France	Kg	2	102
39173900	Other tubes, pipes and hoses, nes	Germany	Kg	252	1737
39173900	Other tubes, pipes and hoses, nes	India	Kg	78989	32646
39173900	Other tubes, pipes and hoses, nes	Italy	Kg	22	315
39173900	Other tubes, pipes and hoses, nes	Japan	Kg	24	114
39173900	Other tubes, pipes and hoses, nes	Korea, Republic of	Kg	21	53
39173900	Other tubes, pipes and hoses, nes	Malaysia	Kg	2	1
39173900	Other tubes, pipes and hoses, nes	Mexico	Kg	8	24
39173900	Other tubes, pipes and hoses, nes	Not Specified	Kg	25	193
39173900	Other tubes, pipes and hoses, nes	Romania	Kg	49	58
39173900	Other tubes, pipes and hoses, nes	Slovakia	Kg	7	29
39173900	Other tubes, pipes and hoses, nes	Spain	Kg	8	73
39173900	Other tubes, pipes and hoses, nes	Sweden	Kg	1	48
39173900	Other tubes, pipes and hoses, nes	Taiwan, Province of China	Kg	5	803
39173900	Other tubes, pipes and hoses, nes	Thailand	Kg	1	4
39173900	Other tubes, pipes and hoses, nes	United Arab Emirates	Kg	10	2
39173900	Other tubes, pipes and hoses, nes	United States	Kg	0	10
39174000	Fittings, for tubes, pipes and hoses, of plastic	Bangladesh	Kg	5431	3522
39174000	Fittings, for tubes, pipes and hoses, of plastic	Belgium	Kg	2	39
39174000	Fittings, for tubes, pipes and hoses, of plastic	China	Kg	159301	63610
39174000	Fittings, for tubes, pipes and hoses, of plastic	Denmark	Kg	2	180
39174000	Fittings, for tubes, pipes and hoses, of plastic	France	Kg	1	9
39174000	Fittings, for tubes, pipes and hoses, of plastic	Germany	Kg	70	619

39174000	Fittings, for tubes, pipes and hoses, of plastic	Hong Kong	Kg	0	4
39174000	Fittings, for tubes, pipes and hoses, of plastic	India	Kg	755653	386399
39174000	Fittings, for tubes, pipes and hoses, of plastic	Indonesia	Kg	3	3
39174000	Fittings, for tubes, pipes and hoses, of plastic	Italy	Kg	29	314
39174000	Fittings, for tubes, pipes and hoses, of plastic	Japan	Kg	8	130
39174000	Fittings, for tubes, pipes and hoses, of plastic	Korea, Republic of	Kg	1559	2251
39174000	Fittings, for tubes, pipes and hoses, of plastic	Malaysia	Kg	501	1350
39174000	Fittings, for tubes, pipes and hoses, of plastic	Netherlands	Kg	1	0
39174000	Fittings, for tubes, pipes and hoses, of plastic	Not Specified	Kg	17	4
39174000	Fittings, for tubes, pipes and hoses, of plastic	Pakistan	Kg	13	33
39174000	Fittings, for tubes, pipes and hoses, of plastic	Qatar	Kg	94	41
39174000	Fittings, for tubes, pipes and hoses, of plastic	Saudi Arabia	Kg	2	1
39174000	Fittings, for tubes, pipes and hoses, of plastic	Serbia	Kg	0	2
39174000	Fittings, for tubes, pipes and hoses, of plastic	Spain	Kg	7880	16669
39174000	Fittings, for tubes, pipes and hoses, of plastic	Switzerland	Kg	0	2
39174000	Fittings, for tubes, pipes and hoses, of plastic	Thailand	Kg	38	85
39174000	Fittings, for tubes, pipes and hoses, of plastic	Turkey	Kg	7	7
39174000	Fittings, for tubes, pipes and hoses, of plastic	United Arab Emirates	Kg	8	2
39174000	Fittings, for tubes, pipes and hoses, of plastic	United Kingdom	Kg	195	99
39174000	Fittings, for tubes, pipes and hoses, of plastic	United States	Kg	10	195
39181010	Floor covering of polymer of vinyl chloride, in roll or in the form of tiles	Belgium	Kg	20869	6076
39181010	Floor covering of polymer of vinyl chloride, in roll or in the form of tiles	China	Kg	40747	6649
39181010	Floor covering of polymer of vinyl chloride, in roll or in the form of tiles	India	Kg	15815	8030
39181010	Floor covering of polymer of vinyl chloride, in roll or in the form of tiles	Korea, Republic of	Kg	17011	2431
39181010	Floor covering of polymer of vinyl chloride, in roll or in the form of tiles	Netherlands	Kg	10	5
39181010	Floor covering of polymer of vinyl chloride, in roll or in the form of tiles	Swaziland	Kg	3162	2658
39181010	Floor covering of polymer of vinyl chloride, in roll or in the form of tiles	Sweden	Kg	38198	18373

39181010	Floor covering of polymer of vinyl chloride, in roll or in the form of tiles	Viet Nam	Kg	773357	73461
39181090	Wall or Ceiling coverings and others of polyvinyl chloride	Belgium	Kg	13	3
39181090	Wall or Ceiling coverings and others of polymer of vinyl chloride	China	Kg	711096	95126
39181090	Wall or Ceiling coverings and others of polymer of vinyl chloride	India	Kg	1438027	150848
39181090	Wall or Ceiling coverings and others of polymer of vinyl chloride	Thailand	Kg	324969	34063
39181090	Wall or Ceiling coverings and others of polymer of vinyl chloride	United States	Kg	13	137
39181090	Wall or Ceiling coverings and others of polymer of vinyl chloride	Viet Nam	Kg	1	0
39189010	Floor covering of other plastic, in roll or in the form of tiles	China	Kg	208034	23972
39189010	Floor covering of other plastic, in roll or in the form of tiles	India	Kg	18905	2689
39189090	Wall or Ceiling coverings and others of polymer of other plastic	China	Kg	169237	36583
39189090	Wall or Ceiling coverings and others of polymer of other plastic	India	Kg	58270	10640
39189090	Wall or Ceiling coverings and others of polymer of other plastic	Japan	Kg	3	5
39189090	Wall or Ceiling coverings and others of polymer of other plastic	Korea, Republic of	Kg	1	1
39189090	Wall or Ceiling coverings and others of polymer of other plastic	Not Specified	Kg	264	27
39189090	Wall or Ceiling coverings and others of polymer of other plastic	Qatar	Kg	0	0
39189090	Wall or Ceiling coverings and others of polymer of other plastic	United Arab Emirates	Kg	9	5
39189090	Wall or Ceiling coverings and others of polymer of other plastic	United States	Kg	0	24
39189090	Wall or Ceiling coverings and others of polymer of other plastic	Viet Nam	Kg	3	1
39191000	Self-adhesive tape, plates, strip, in roll, width =<20cm	Austria	Kg	11	59
39191000	Self-adhesive tape, plates, strip, in roll, width =<20cm	Canada	Kg	0	1
39191000	Self-adhesive tape, plates, strip, in roll, width =<20cm	China	Kg	199941	75313
39191000	Self-adhesive tape, plates, strip, in roll, width =<20cm	France	Kg	6	175
39191000	Self-adhesive tape, plates, strip, in roll, width =<20cm	Germany	Kg	1	148
39191000	Self-adhesive tape, plates, strip, in roll, width =<20cm	Hong Kong	Kg	2	5
39191000	Self-adhesive tape, plates, strip, in roll, width =<20cm	India	Kg	73070	40898
39191000	Self-adhesive tape, plates, strip, in roll, width =<20cm	Indonesia	Kg	0	0
39191000	Self-adhesive tape, plates, strip, in roll, width =<20cm	Italy	Kg	5	6

39191000	Self-adhesive tape, plates, strip, in roll, width =<20cm	Japan	Kg	7	101
39191000	Self-adhesive tape, plates, strip, in roll, width =<20cm	Korea, Republic of	Kg	369	856
39191000	Self-adhesive tape, plates, strip, in roll, width =<20cm	Malaysia	Kg	9	10
39191000	Self-adhesive tape, plates, strip, in roll, width =<20cm	Netherlands	Kg	10	8
39191000	Self-adhesive tape, plates, strip, in roll, width =<20cm	Not Specified	Kg	220	16
39191000	Self-adhesive tape, plates, strip, in roll, width =<20cm	Qatar	Kg	3	1
39191000	Self-adhesive tape, plates, strip, in roll, width =<20cm	Taiwan, Province of China	Kg	19513	9342
39191000	Self-adhesive tape, plates, strip, in roll, width =<20cm	Thailand	Kg	350	285
39191000	Self-adhesive tape, plates, strip, in roll, width =<20cm	United Arab Emirates	Kg	176	95
39191000	Self-adhesive tape, plates, strip, in roll, width =<20cm	United Kingdom	Kg	5	47
39191000	Self-adhesive tape, plates, strip, in roll, width =<20cm	United States	Kg	114	2133
39191000	Self-adhesive tape, plates, strip, in roll, width =<20cm	Uzbekistan	Kg	2	4
39199000	Other self-adhesive plates, tape, strip, film of plastics, etc.	Australia	Kg	2	8
39199000	Other self-adhesive plates, tape, strip, film of plastics, nes.	Austria	Kg	6	16
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	Canada	Kg	9	9
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	China	Kg	994099	274955
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	Czech Republic	Kg	1	35
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	Denmark	Kg	0	0
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	Egypt	Kg	2	1
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	France	Kg	16	1146
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	Germany	Kg	20	24
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	Hong Kong	Kg	41	19
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	India	Kg	365105	173231
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	Indonesia	Kg	1	1
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	Ireland	Kg	1	5
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	Israel	Kg	2	2
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	Italy	Kg	0	6

39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	Japan	Kg	45	412
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	Korea, Republic of	Kg	149	443
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	Malaysia	Kg	200	525
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	Netherlands	Kg	0	0
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	Not Specified	Kg	131	37
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	Pakistan	Kg	0	11
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	Portugal	Kg	1	2
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	Qatar	Kg	304	206
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	Saudi Arabia	Kg	3	1
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	Singapore	Kg	138	43
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	Spain	Kg	0	0
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	Sweden	Kg	0	16
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	Switzerland	Kg	0	3
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	Taiwan, Province of China	Kg	6	11
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	Thailand	Kg	78	61
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	Ukraine	Kg	1	1
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	United Arab Emirates	Kg	14	15
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	United Kingdom	Kg	37	750
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	United States	Kg	356	9197
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	Uzbekistan	Kg	16	55
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	Vanuatu	Kg	0	0
39199000	Other self-adhesive plates, tape, strip, f il of plastics, nes.	Viet Nam	Kg	14	280
39201010	printed plates, sheets, film, foil and strip, of ethylene polymer	China	Kg	211194	13179
39201010	printed plates, sheets, film, foil and strip, of ethylene polymer	Finland	Kg	2500	1679
39201010	printed plates, sheets, film, foil and strip, of ethylene polymer	India	Kg	1263408	168061
39201010	printed plates, sheets, film, foil and strip, of ethylene polymer	Indonesia	Kg	1651	2277
39201010	printed plates, sheets, film, foil and strip, of ethylene polymer	Viet Nam	Kg	3358000	154228

39201090	other plates, sheets, film, foil and strip, of ethylene polymer	China	Kg	336971	75741
39201090	other plates, sheets, film, foil and strip, of ethylene polymer	France	Kg	8	25
39201090	other plates, sheets, film, foil and strip, of ethylene polymer	India	Kg	2848701	504640
39201090	other plates, sheets, film, foil and strip, of ethylene polymer	Indonesia	Kg	6	2
39201090	other plates, sheets, film, foil and strip, of ethylene polymer	Japan	Kg	9	7
39201090	other plates, sheets, film, foil and strip, of ethylene polymer	Korea, Republic of	Kg	40	407
39201090	other plates, sheets, film, foil and strip, of ethylene polymer	Lithuania	Kg	0	1
39201090	other plates, sheets, film, foil and strip, of ethylene polymer	Sri Lanka	Kg	4	3
39201090	other plates, sheets, film, foil and strip, of ethylene polymer	United States	Kg	145	525
39201090	other plates, sheets, film, foil and strip, of ethylene polymer	Viet Nam	Kg	2760000	126223
39202010	Printed plates, sheets, film, foil and strip, of propylene	China	Kg	119606	22062
39202010	Printed plates, sheets, film, foil and strip, of propylene	India	Kg	163149	50102
39202010	Printed plates, sheets, film, foil and strip, of propylene	Indonesia	Kg	81389	47481
39202010	Printed plates, sheets, film, foil and strip, of propylene	Malaysia	Kg	1796	1562
39202090	Other plates, sheets, film, foil and strip, of propylene	Australia	Kg	31467	14213
39202090	Other plates, sheets, film, foil and strip, of propylene	China	Kg	1071631	219282
39202090	Other plates, sheets, film, foil and strip, of propylene	India	Kg	7875213	1506518
39202090	Other plates, sheets, film, foil and strip, of propylene	Indonesia	Kg	15	7
39202090	Other plates, sheets, film, foil and strip, of propylene	Japan	Kg	8475	26730
39202090	Other plates, sheets, film, foil and strip, of propylene	Taiwan, Province of China	Kg	50	48
39202090	Other plates, sheets, film, foil and strip, of propylene	United Kingdom	Kg	226	491
39202090	Other plates, sheets, film, foil and strip, of propylene	United States	Kg	3	2
39202090	Other plates, sheets, film, foil and strip, of propylene	Viet Nam	Kg	145	42
39203010	Printed plates, sheets, film, foil & strip, of plastics, non-cellular of styrene	China	Kg	2005	740
39203010	Printed plates, sheets, film, foil & strip, of plastics, non-cellular of styrene	India	Kg	8480	2583
39203090	Other plates, sheets, film, foil and strip, of plastics, non-cellular of styrene	Canada	Kg	1	1
39203090	Other plates, sheets, film, foil and strip, of plastics, non-cellular of styrene	China	Kg	320	864

39203090	Other plates, sheets, film, foil and strip, of plastics, non-cellular of styrene	India	Kg	69326	18462
39203090	Other plates, sheets, film, foil and strip, of plastics, non-cellular of styrene	United Arab Emirates	Kg	0	1
39204310	Printed plates, sheets, film, foil and strip, of poly. vin. chlorid non-cellular <6%	China	Kg	18627	3204
39204310	Printed plates, sheets, film, foil and strip, of poly. vin. chlorid non-cellular <6%	India	Kg	9988	2652
39204390	Other plates, sheets, film, foil and strip, of poly. vin. chlorid <6%	China	Kg	112125	24461
39204390	Other plates, sheets, film, foil and strip, of poly. vin. chlorid <6%	India	Kg	1057027	83439
39204390	Other plates, sheets, film, foil and strip, of poly. vin. chlorid <6%	Japan	Kg	800	3296
39204390	Other plates, sheets, film, foil and strip, of poly. vin. chlorid <6%	Philippines	Kg	0	2
39204910	Printed plates, sheets, film, foil and strip, of polymer, >6%	China	Kg	2793	961
39204910	Printed plates, sheets, film, foil and strip, of polymer, >6%	India	Kg	65111	19102
39204990	Other plates, sheets, film, foil and strip, of polymer, >6%	Austria	Kg	20	7
39204990	Other plates, sheets, film, foil and strip, of polymer, >6%	China	Kg	878653	97579
39204990	Other plates, sheets, film, foil and strip, of polymer, >6%	India	Kg	1608885	448266
39204990	Other plates, sheets, film, foil and strip, of polymer, >6%	United States	Kg	0	2
39204990	Other plates, sheets, film, foil and strip, of polymer, >6%	Viet Nam	Kg	112000	5192
39205110	Printed plates, sheets, film, foil and strip, of polymethul methacrylate	China	Kg	8989	3652
39205110	Printed plates, sheets, film, foil and strip, of polymethul methacrylate	India	Kg	11625	5583
39205110	Printed plates, sheets, film, foil and strip, of polymethul methacrylate	Korea, Republic of	Kg	35640	11902
39205190	Other plates, sheets, film, foil and strip, of polymethul methacrylate	China	Kg	24735	9212
39205190	Other plates, sheets, film, foil and strip, of polymethul methacrylate	Germany	Kg	1	59
39205190	Other plates, sheets, film, foil and strip, of polymethul methacrylate	India	Kg	85623	32437
39205190	Other plates, sheets, film, foil and strip, of polymethul methacrylate	Korea, Republic of	Kg	20790	7121
39205190	Other plates, sheets, film, foil and strip, of polymethul methacrylate	Malaysia	Kg	21066	8521
39205190	Other plates, sheets, film, foil and strip, of polymethul methacrylate	United Kingdom	Kg	2	29
39205910	Printed plates, sheets, film, foil and strip, of other acrylic polymer	India	Kg	42604	16676
39205990	Other plates, sheets, film, foil and strip, of other acrylic polymer	China	Kg	63693	19173
39205990	Other plates, sheets, film, foil and strip, of other acrylic polymer	India	Kg	175867	56461

39205990	Other plates, sheets, film, foil and strip, of other acrylic polymer	Thailand	Kg	8021	17782
39205990	Other plates, sheets, film, foil and strip, of other acrylic polymer	United States	Kg	100	1763
39205990	Other plates, sheets, film, foil and strip, of other acrylic polymer	Viet Nam	Kg	946000	44027
39206110	Printed plates, sheets, film, foil and strip, of Polycarbonate	China	Kg	420	1077
39206110	Printed plates, sheets, film, foil and strip, of Polycarbonate	India	Kg	38758	13219
39206110	Printed plates, sheets, film, foil and strip, of Polycarbonate	Viet Nam	Kg	56000	2858
39206190	Other plates, sheets, film, foil and strip, of Polycarbonate	China	Kg	48378	19400
39206190	Other plates, sheets, film, foil and strip, of Polycarbonate	India	Kg	669891	104710
39206190	Other plates, sheets, film, foil and strip, of Polycarbonate	Viet Nam	Kg	252000	10553
39206210	Printed ethylene terephthalate	China	Kg	601	148
39206210	Printed ethylene terephthalate	India	Kg	95369	18002
39206210	Printed ethylene terephthalate	United States	Kg	1	191
39206290	Other ethylene terephthalate	China	Kg	16321	3034
39206290	Other ethylene terephthalate	Germany	Kg	28	267
39206290	Other ethylene terephthalate	India	Kg	7545547	1316342
39206390	Other plates, sheets, film, foil and strip, of unsaturated polyesters	India	Kg	119360	24733
39206910	Printed plates, sheets, film, foil and strip, of other polyester, non-cellular	China	Kg	2875	942
39206910	Printed plates, sheets, film, foil and strip, of other polyester, non-cellular	India	Kg	219619	66783
39206990	Other plates, sheets, film, foil and strip, of other polyester, non-cellular	China	Kg	46008	12766
39206990	Other plates, sheets, film, foil and strip, of other polyester, non-cellular	India	Kg	1171350	196649
39206990	Other plates, sheets, film, foil and strip, of other polyester, non-cellular	Viet Nam	Kg	56000	2617
39207190	Other plates, sheets, film, foil and strip, of regenerated cellulose	India	Kg	28453	9050
39207310	Printed plates, sheets, film, foil and strip, of cellulose acetate	India	Kg	600	457
39207390	Other plates, sheets, film, foil and strip, of cellulose acetate	China	Kg	1	1
39207390	Other plates, sheets, film, foil and strip, of cellulose acetate	India	Kg	1001	614
39207990	Other plates, sheets, film, foil and strip, of cellulose derivatives	China	Kg	73	4
39207990	Other plates, sheets, film, foil and strip, of cellulose derivatives	Germany	Kg	22	482
39207990	Other plates, sheets, film, foil and strip, of cellulose derivatives	India	Kg	1751	420
39207990	Other plates, sheets, film, foil and strip, of cellulose derivatives	United States	Kg	15	38
39209110	Printed plates, sheets, film, foil and strips of Polyvinyl butyral	China	Kg	625	521

39209110	Printed plates, sheets, film, foil and strips of Polyvinyl butyral	India	Kg	100	27
39209190	Other plates, sheets, film, foil and strip, of Polyvinyl butyral	China	Kg	9336	6691
39209190	Other plates, sheets, film, foil and strip, of Polyvinyl butyral	India	Kg	10663	6063
39209210	Printed plates, sheets, film, foil and strip, of Polyamides	India	Kg	450	292
39209290	Other plates, sheets, film, foil and strip, of Polyamides	China	Kg	38	32
39209290	Other plates, sheets, film, foil and strip, of Polyamides	India	Kg	13131	5649
39209390	Other plates, sheets, film, foil and strip, of Amino resins	India	Kg	1211	449
39209490	Other plates, sheets, film, foil and strip, of Phenolic resins	China	Kg	7043	1651
39209490	Other plates, sheets, film, foil and strip, of Phenolic resins	India	Kg	60	9
39209910	Plates, of other plastics, not reinforced, printed one	China	Kg	4984	1330
39209910	Plates, of other plastics, not reinforced, printed one	France	Kg	4	140
39209910	Plates, of other plastics, not reinforced, printed one	India	Kg	534902	175644
39209910	Plates, of other plastics, not reinforced, printed one	United Arab Emirates	Kg	23372	6367
39209910	Plates, of other plastics, not reinforced, printed one	United States	Kg	17	163
39209990	Plates, of other plastics, not reinforced, etc, nes	China	Kg	196709	21772
39209990	Plates, of other plastics, not reinforced, etc, nes	Germany	Kg	2	100
39209990	Plates, of other plastics, not reinforced, etc, nes	India	Kg	5647011	407827
39209990	Plates, of other plastics, not reinforced, etc, nes	Japan	Kg	709	2110
39209990	Plates, of other plastics, not reinforced, etc, nes	Korea, Republic of	Kg	10	29
39209990	Plates, of other plastics, not reinforced, etc, nes	Lithuania	Kg	0	1
39209990	Plates, of other plastics, not reinforced, etc, nes	Malaysia	Kg	8000	1694
39209990	Plates, of other plastics, not reinforced, etc, nes	United Kingdom	Kg	1	13
39209990	Plates, of other plastics, not reinforced, etc, nes	United States	Kg	10	607
39209990	Plates, of other plastics, not reinforced, etc, nes	Viet Nam	Kg	2343000	107928
39211110	Printed plates, sheets, film, foil and strip, of polymers of styrene	China	Kg	21513	5438
39211110	Printed plates, sheets, film, foil and strip, of polymers of styrene	India	Kg	29275	9962
39211110	Printed plates, sheets, film, foil and strip, of polymers of styrene	United States	Kg	2	5

39211190	Other plates, sheets, film, foil and strip, of polymers of styrene	China	Kg	98315	26209
39211190	Other plates, sheets, film, foil and strip, of polymers of styrene	India	Kg	37497	15174
39211210	Printed plates, sheets, film, foil and strip, of vinyl chloride polymer	China	Kg	10939	2943
39211210	Printed plates, sheets, film, foil and strip, of vinyl chloride polymer	India	Kg	11090	3760
39211290	Other plates, sheets, film, foil and strip, of vinyl chloride polymer	China	Kg	1567815	387017
39211290	Other plates, sheets, film, foil and strip, of vinyl chloride polymer	India	Kg	281436	83715
39211310	Printed plates, sheets, film, foil and strip, of polyurethane	China	Kg	18905	10175
39211310	Printed plates, sheets, film, foil and strip, of polyurethane	Germany	Kg	0	4
39211310	Printed plates, sheets, film, foil and strip, of polyurethane	India	Kg	84864	16316
39211310	Printed plates, sheets, film, foil and strip, of polyurethane	Sweden	Kg	1	13
39211390	Other plates, sheets, film, foil and strip, of polyurethane	China	Kg	60709	22111
39211390	Other plates, sheets, film, foil and strip, of polyurethane	India	Kg	36940	9043
39211410	Printed plates, sheets, film, foil and strip, of regenerated cellulose	China	Kg	175	65
39211410	Printed plates, sheets, film, foil and strip, of regenerated cellulose	India	Kg	2	1
39211490	Other plates, sheets, film, foil and strip, of regenerated cellulose	China	Kg	1231	339
39211490	Other plates, sheets, film, foil and strip, of regenerated cellulose	India	Kg	794	387
39211910	Printed plates, sheets, film, foil and strip, of other plastic celluler	China	Kg	84090	21089
39211910	Printed plates, sheets, film, foil and strip, of other plastic celluler	India	Kg	50681	17335
39211990	Other plates, sheets, film, foil and strip, of other plastic celluler	Brazil	Kg	1	13
39211990	Other plates, sheets, film, foil and strip, of other plastic celluler	China	Kg	831819	215604
39211990	Other plates, sheets, film, foil and strip, of other plastic celluler	Denmark	Kg	99	269
39211990	Other plates, sheets, film, foil and strip, of other plastic celluler	France	Kg	6	583
39211990	Other plates, sheets, film, foil and strip, of other plastic celluler	Germany	Kg	0	234
39211990	Other plates, sheets, film, foil and strip, of other plastic celluler	India	Kg	1034419	260234
39211990	Other plates, sheets, film, foil and strip, of other plastic celluler	Indonesia	Kg	22463	15093
39211990	Other plates, sheets, film, foil and strip, of other plastic celluler	Malaysia	Kg	53	158
39211990	Other plates, sheets, film, foil and strip, of other plastic celluler	Not Specified	Kg	779	221

39211990	Other plates, sheets, film, foil and strip, of other plastic celluler	Thailand	Kg	39	51
39211990	Other plates, sheets, film, foil and strip, of other plastic celluler	United Kingdom	Kg	51	150
39211990	Other plates, sheets, film, foil and strip, of other plastic celluler	United States	Kg	79	611
39219019	Other plates, sheets, film, foil and strip, of plastics (Cellular)	China	Kg	424751	107239
39219019	Other plates, sheets, film, foil and strip, of plastics (Cellular)	India	Kg	91986	25136
39219019	Other plates, sheets, film, foil and strip, of plastics (Cellular)	Korea, Republic of	Kg	1020	690
39219019	Other plates, sheets, film, foil and strip, of plastics (Cellular)	Not Specified	Kg	8369	3578
39219019	Other plates, sheets, film, foil and strip, of plastics (Cellular)	Switzerland	Kg	3	139

39221000	Baths, shower-baths, sinks and wash-basins of plastic	Canada	Kg	1	4
39221000	Baths, shower-baths, sinks and wash-basins of plastic	China	Kg	28157	23407
39221000	Baths, shower-baths, sinks and wash-basins of plastic	Germany	Kg	508	988
39221000	Baths, shower-baths, sinks and wash-basins of plastic	India	Kg	91765	87248
39221000	Baths, shower-baths, sinks and wash-basins of plastic	Indonesia	Kg	99	47
39221000	Baths, shower-baths, sinks and wash-basins of plastic	Not Specified	Kg	45	14
39221000	Baths, shower-baths, sinks and wash-basins of plastic	Poland	Kg	624	777
39221000	Baths, shower-baths, sinks and wash-basins of plastic	Thailand	Kg	545	801
39222000	Lavatory seats and covers of plastics	Austria	Kg	79	221
39222000	Lavatory seats and covers of plastics	China	Kg	52788	15764
39222000	Lavatory seats and covers of plastics	Germany	Kg	10	193
39222000	Lavatory seats and covers of plastics	Hong Kong	Kg	1	0
39222000	Lavatory seats and covers of plastics	India	Kg	40337	20848
39222000	Lavatory seats and covers of plastics	Malaysia	Kg	10	35
39222000	Lavatory seats and covers of plastics	Qatar	Kg	12	6
39222000	Lavatory seats and covers of plastics	Thailand	Kg	134	73
39222000	Lavatory seats and covers of plastics	Turkey	Kg	768	754
39222000	Lavatory seats and covers of plastics	United Arab Emirates	Kg	6	5
39222000	Lavatory seats and covers of plastics	United States	Kg	16	35
39229000	Bidets, lavatory pans and other sanitaryware of plastics, nes.	Austria	Kg	0	46
39229000	Bidets, lavatory pans and other sanitaryware of plastics, nes.	Bangladesh	Kg	22173	12337
39229000	Bidets, lavatory pans and other sanitaryware of plastics, nes.	China	Kg	68477	38096

39229000	Bidets, lavatory pans and other sanitaryware of plastics, nes.	Germany	Kg	52	229
39229000	Bidets, lavatory pans and other sanitaryware of plastics, nes.	Hong Kong	Kg	18	32
39229000	Bidets, lavatory pans and other sanitaryware of plastics, nes.	India	Kg	237054	152015
39229000	Bidets, lavatory pans and other sanitaryware of plastics, nes.	Italy	Kg	8	8
39229000	Bidets, lavatory pans and other sanitaryware of plastics, nes.	Slovenia	Kg	341	309
39229000	Bidets, lavatory pans and other sanitaryware of plastics, nes.	Spain	Kg	3	7
39229000	Bidets, lavatory pans and other sanitaryware of plastics, nes.	Switzerland	Kg	6	7
39229000	Bidets, lavatory pans and other sanitaryware of plastics, nes.	Thailand	Kg	34	90
39229000	Bidets, lavatory pans and other sanitaryware of plastics, nes.	Turkey	Kg	115	439
39229000	Bidets, lavatory pans and other sanitaryware of plastics, nes.	United Arab Emirates	Kg	0	0
39229000	Bidets, lavatory pans and other sanitaryware of plastics, nes.	United Kingdom	Kg	2	0
39229000	Bidets, lavatory pans and other sanitaryware of plastics, nes.	United States	Kg	0	11
39231010	Plastic tubes for packing purpose	China	Kg	33865	16309
39231010	Plastic tubes for packing purpose	France	Kg	0	22
39231010	Plastic tubes for packing purpose	Germany	Kg	9	176
39231010	Plastic tubes for packing purpose	India	Kg	482255	385226
39231010	Plastic tubes for packing purpose	Israel	Kg	0	42
39231010	Plastic tubes for packing purpose	Korea, Republic of	Kg	668	753
39231010	Plastic tubes for packing purpose	Qatar	Kg	1	0
39231010	Plastic tubes for packing purpose	United States	Kg	73	189
39231010	Plastic tubes for packing purpose	Uzbekistan	Kg	1	2
39231010	Plastic tubes for packing purpose	Viet Nam	Kg	1029	1303

--	--	--	--	--	--