

7/29/2020

To: Suppliers

Env. Mgmt. Department, Quality & Env. Division
 Procurement Planning Center, Global Procurement Company
 Panasonic Corporation

**Promulgation of China National Standards for Adhesives, Paints, Inks, Cleaning Agents,
and Request for Actions**

We appreciate your continued cooperation with Panasonic Group's measures for compliance management and the management of chemical substances.

China promulgated its national standards concerning VOCs (volatile organic compounds) contained in adhesives, paints, inks, and cleaning agents on March 4, 2020. The standards except that for inks will take effect on December 11, 2020, and the standard for inks will take effect on April 1, 2021.

List of 7 National Standards *For details of the requirements, refer to each national standard.

Code number	Name of the GB	Effective date
GB 33372-2020	Limit of volatile organic compounds content in adhesive	12.1.2020
GB 30981-2020	Limit of harmful substances of industrial protective coatings	12.1.2020
GB 38507-2020	Limit of volatile organic compounds (VOCs) in printing ink	4.1.2021
GB 38508-2020	Limit for volatile organic compounds content in cleaning agents	12.1.2020
GB 24409-2020	Limit of harmful substances of vehicle coatings	12.1.2020
GB 18581-2020	Limit of harmful substances of woodenware coatings	12.1.2020
GB 18582-2020	Limit of harmful substances of architectural wall coatings	12.1.2020

In the national standards promulgated this time as shown in the above list, limits of VOC contained in adhesive, paint, ink, and cleaning agent have been respectively specified as their main requirements. The each standard specifically sets a quality standard for the product that contains VOCs, in its production, importation, sales, and use of the relevant materials in China, according to the Article 44 of the China's "Atmospheric Pollution Prevention and Control Law". It is mandatory for all subject products to conform to these standards. If the product does not conform to any of these standards, it is subject to the penalty.

In both cases of purchasing and/or using subject materials, i.e. adhesives, paints, inks, and cleaning agents, manufactured in China, and of the case of importing to China the subject materials that were manufactured outside of China, the product must conform to the national standards. As purchasing non-conforming materials is not allowed, in case of non-conforming materials, impact on supply of our products are concerned, because the material change is required, and along with the material change, design changes, quality checks, and the like are required.

Therefore, we would like to request you as follows;

Request for Actions

1. Products, components, or materials that you supply to Panasonic
Please confirm as early as possible that the products, components, or materials of your company and your supplier in the upstream of the supply chain conform to the above standards in the production, purchase, and/or use.
2. In case that you find any non-conforming item in the production, purchase, and/or use, please immediately inform it to us.