Dear Customers,

Industrial Solutions Company, Panasonic Corporation ("we") hereby report that, based on the information provided by our suppliers and the information on parts/materials used in those products, the products below do not contain any of the 197 Substances of Very High Concern (SVHC) listed on the candidate list updated on January, 15, 2019 by the European Chemical Agency (ECHA) above concentration of 0.1wt%.

**Report of Confirmation of EU REACH 20th SVHC**

Confirmed date: April 1, 2019

Product Name: Thermal protection sheet (PGS/PGS applied products/NASBIS)

Series Name: GraphiteTIM(Compressible Type) PGS with low thermal resistance

(*1) We state "do not contain SVHC" in this letter when certain SVHC is present in Applicable Products in concentration equal to or below 0.1wt % based upon the calculation, subject to (i) the information of SVHC provided by our supplier and (ii) the information of parts/materials used in Applicable Products.

(*2) The view of the Electronic Components Industry is that "diboron trioxide (B₃O₃)", or "lead oxide (PbO, Pb₃O₄)" in glass or ceramics are not Substances of Very High Concern. The industry also has the view that "complex oxides containing lead (lead titanium trioxide [Pb₃TiO₅], lead titanium zirconium oxide [(Pbx Ty Zr2)O4]) in ceramics are not Substance of Very High Concern (SVHC). For more details, refer to JEITA's position statements (24JEITA#207, #247, and #248).

URL: [http://home.jeita.or.jp/ecb/ceramic.html](http://home.jeita.or.jp/ecb/ceramic.html)

[Signature]

Responsible Person: Kunihiko Ooishi

Manager, Environment Management Section, Quality Planning Department, Device Solutions Business Division of Industrial Solutions Company, Panasonic Corporation
Product Name: Thermal protection sheet (PGS/PGS applied products/NASBIS)
Series Name: GraphiteTIM(Compressible Type) PGS with low thermal resistance
Part Number: EYGSxxxxZLxx

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