



January 8, 2015

RE: European REACH Regulation - Substances of Very High Concern (SVHC)

Dear Valued Customer,

The Candidate List of 161 Substances of Very High Concern (SVHC substances) subject to authorization has been published by the European Chemical Agency (ECHA) on its website on December 17, 2014 in accordance with Article 59 (1) of REACH Regulation.

The substances on the SVHC candidate list for REACH are not normally expected to be present in Ryton®PPS products or Ryton® PPS Alloy products at concentrations exceeding 1000 ppm.

In the production of polyphenylene sulfide (PPS), 1-Methyl-2-pyrrolidinone (NMP), CAS # 872-50-4, is used as a polymerization solvent. However, the amount of residual NMP that may remain as an impurity in Ryton® PPS products and Ryton® PPS Alloy products is less than 1000 ppm (0.1 weight percent).

The residual amount of solvent in the final polymer is considered as an impurity and is not subject to the Authorization process. However, some polymers and articles are still subject to Authorization. Please see the REACH regulation and ECHA's guidance document on authorization and articles to determine if your article containing one of these products will be subject to authorization.

None of the other 160 SVHC substances are intentionally added or used in the manufacturing of Ryton® PPS products and Ryton® PPS Alloy products.

Here is a link to ECHA's website where all 161 SVHC substances are published:
http://echa.europa.eu/chem_data/authorisation_process/candidate_list_table_en.asp

Should you have any further questions please contact your Sales Representative directly.

Sincerely,

A handwritten signature in black ink that reads "John Bankston".

John Bankston
Regulatory Affairs & Product Stewardship Manager – Aromatic Polymers