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To whom it may concern

24 October 2018

Subject: REACH Regulation 1907/2006 – Notification of SVHC in NSK product

Article 33 of the REACH Regulation 1907/2006, requires that directly after a substance is included in the REACH Candidate List of Substances of Very High Concern (SVHC), suppliers of articles which contain such a substance in a concentration above 0.1% (weight by weight) have to provide enough information to allow the safe use of the article to the recipients. This requirement applies whenever a Candidate List substance is present at a concentration above 0.1% (w/w) of the article, regardless of whether that article is supplied separately or as a component part of a more complex article comprising numerous components.

Whilst the majority of NSK products are free from all substances currently listed in the Candidate List, some products do contain one or more of the following Candidate List substances as follows:

| Substance Name | CAS number |
|-------------------------------------|-------------------|
| Bis (2-ethylhexyl) phthalate (DEHP) | 117-81-7 |
| Lead | 7439-92-1 |

Bis (2-ethylhexyl) phthalate (DEHP) was previously present in the nitrile rubber material used in seals assembled into certain NSK bearings and whilst use of this substance stopped in November 2014, it is possible that products supplied to our customers could still contain this substance if the seal component was manufactured before this date.

If present, the concentration of DEHP will typically be less than 0.05% of the complete bearing, less than 0.5% of the seal within the bearing and less than 2% of the rubber part of the seal.

NSK Europe Ltd.

Lead is currently used as an alloying element in those NSK products containing copper alloy (brass) components. Its purpose is to improve the machinability of the material. Typically it is present in concentrations of less than 0.5% of the complete bearing assembly and less than 2% of the brass component.

Lead can also be present in lead solder used in NSK's electronic steering systems and other electronic based products - in line with the exemptions allowed under the End of Life Vehicles (ELV) Directive and the Restriction on Hazardous Substances (RoHS) Directive. The content of lead in such solders will vary dependent on the specific application.

As both the DEHP and lead substances are bound up in the composition of the materials to which they are added, they pose no risk to human health or the environment when the supplied product is used for its intended purpose and when, at the end of its life, is disposed of or recycled through normal channels for waste electrical or industrial product. Additionally no special safety precautions are necessary when handling the product.

It should be noted that the vast majority of NSK products are free from DEHP and lead. However should you require confirmation as to whether the particular product supplied to your company contains either of these substances, please do not hesitate to contact your usual NSK representative and we will provide a declaration specific to the product supplied.

Yours Faithfully,



Cengiz Yesilbas
European Quality Director