

## **Declaration in accordance with article 33 of the REACH Regulation (EC) No. 1907/2006 and Substances of Very High Concern, SVHC**

Pursuant to the European Union Registration, Evaluation, Authorization of Chemicals Regulation 1907/2006/EC (REACH), SKF has an obligation to inform about certain substances contained in our products that are manufactured in or imported into the European Union. Where an article contains any substances of very high concern (SVHC) and is identified in a concentration above 0.1 % weight by weight (w/w), SKF is obligated to provide sufficient information to allow safe use of the article including, as a minimum, the name of that contained substance.

The complete and latest list of SVHCs can be found on the ECHA website:

<https://echa.europa.eu/web/guest/candidate-list-table>

Lead [CAS No. 7439-92-1] has been added to the SVHC list on the 27th of June 2018.

Lead is a substance commonly used in copper, steel and aluminium alloys. A variety of SKF products use these alloys, with a lead concentration above the set threshold. For example brass is a material commonly used in the bearing industry for the manufacture of bearing cages. The grades used by SKF for this purpose all contain concentrations of lead above the threshold of 0.1% w/w.

The main routes to lead exposure are ingestion and inhalation. Permeation via skin is minimal, in particular when the substance is contained in a metal matrix.

In normal conditions of use, professional users of the industrial components made by SKF can only come in contact with this substance by physical contact [as any welding or metal removal operation would compromise the integrity of the product].

Below a list of some of the SKF products containing lead in concentration above 0.1% w/w. If further clarifications are needed please contact your SKF sales representative.

The information provided in this statement is true and complete to the best of knowledge.

**Angular contact ball bearings:** Designation starting with “72” or “73”  
If the designation contains the suffix M, MA or Y the cage is made of brass with lead content above 0.1% w/w  
*Example*        *7044 BGM*

**Double row angular contact ball bearings:** Designation starting with “32” or “33”  
If the designation contains the suffix M or MA the cage is made of brass with lead content above 0.1% w/w  
*Example*        *3318 DMA*

**Four point contact ball bearings:** Designation starting with “QJ”  
If the designation contains the suffix MA the cage is made of brass with lead content above 0.1% w/w  
*Example*        *QJ 310 N2MA*

**Deep groove ball bearings:** Designation starting with “6”  
If the designation contains the suffix M, MA or MB the cage is made of brass with lead content above 0.1% w/w  
*Example*        *618/850 MA/C3*

**Self-aligning ball bearings:** Designation starting with “12”, “13”, “22”, “23”  
If the designation contains the suffix M, MA or MB the cage is made of brass with lead content above 0.1% w/w  
*Example*        *2319 M*

**Cylindrical roller bearings:** Designation starting with “N”, “NU”, “NJ”, “NUP”  
If the designation contains the suffix M, MA, MB, ML, MP or MR the cage is made of brass with lead content above 0.1% w/w  
*Example*        *NU 206 ECML/C3*

**Spherical Roller Bearings:** Designation starting with “21”, “22”, “23” or “24”

If the designation contains the suffix CA, ECA, CAMA the cage is made of brass with lead content above 0.1% w/w

*Example*      238/750 CAMA/W20

#### **Toroidal Roller Bearings:**

Designation starting with "C"

If the designation contains the suffix M or MB the cage is made of brass with lead content above 0.1% w/w

*Example*      C 3060 KM

#### **Thrust Ball Bearings:**

Designation starting with "5"

If the designation contains the suffix M the cage is made of brass with lead content above 0.1% w/w

*Example*      51136 M

#### **Thrust Cylindrical roller bearings**

Designation starting with "8"

If the designation contains the suffix M the cage is made of brass with lead content above 0.1% w/w

*Example*      81144 M

#### **Spherical Roller Thrust Bearings**

Designation starting with "29"

If the designation contains the suffix M the cage is made of brass with lead content above 0.1% w/w

*Example*      29488 EM

#### **Super Precision Angular Contact Ball Bearings:**

Designation starting with "718", "719",  
"70", "72"

If the designation contains the suffix MA the cage is made of brass with lead content above 0.1% w/w

*Example*      71968 CDMA/P4ATBTA

#### **Super Precision Cylindrical Roller Bearings:**

Designation starting with "N", "NN", "NNU"

If the designation contains the suffix "PHA" or "TNHA" the cage is made of PEEK, if it contains the suffix "TN" or "TN9", the cage is made of Polyamide 66. If there is no cage related suffix, the cage is made of brass with lead content above 0.1% w/w

*Example*      NN 3030/SPW33

#### **Solid bronze bushes**

Designation starting with "PBM"

If the designation ends with "M1G1" the bush contains lead in concentrations above 0.1%

*Example*      PBM 223220 M1G1