Approved by: ELALMUSE date: 20180321

Doc. No. Rev.		Type of Document		1	
2128	51 0	9		Specification	
Date 21.03.		age of 3	Brief Requ	Document Name	KONGSBERG
Rev.	Date	Prepared by	Approved by	Changes from last Revision	
08	24.02.17	A. Wallin	M. Vogel	New KA IMDS organization with org units, new layout	
09	21.03.18	A. Wallin	E. Althén	Update Table 1, org units	
Distribut	Distribution : place, where this document can be found			PLM doc 212851	

Purpose

Released

To secure Suppliers of Kongsberg Automotive are informed about request and know how to submit a MDS (Material Data Sheet) in IMDS (International Material Data System).

Scope

Brief Requirement Specification IMDS, 212851 applies for all suppliers to Kongsberg Automotive if not other decided between project SQD and supplier.

Responsibility

Its responsibility of IMDS Company Administrator to write, implement and update this specification.

Requirement Specification

Government and industry regulations, including environment, safety, corporate governance and product performance are being enforced around the world. The IMDS is an internet-based database established by the OEMs (Original Equipment Manufacturers) for free-of-charge use by all suppliers of the automotive industry. IMDS tracks chemical ingredients of parts and assemblies across the entire automotive OEM supply chain.

Substances prohibited and regulated according to GADSL¹, Global Automotive Declarable Substance List. For suppliers to Renault std 00-10-50, BGO-list². REACH³, Authorization and Candidate List of SVHC⁴, Substances of Very High Concern

² Renault 00-10-50 Prohibited or Restricted substances: BGO-list, https://public.mdsystem.com/documents/10906/17094/bgo_gadsl_imds.xls

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¹ Global Automotive Declarable Substance List, <u>http://www.gadsl.org</u>

³ Registration, Evaluation, Authorization and Restriction of Chemical substances regulation EC 1907/2006, <u>https://echa.europa.eu/regulations/reach</u>

⁴ Substances identified as Substances of Very High Concern (SVHC) under REACH, <u>http://echa.europa.eu/web/guest/candidate-list-table</u>

212851, P20, 000, 09, Releasec

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SVHC in a concentration below 0.1% (weight/weight) is allowed. Contact Kongsberg Automotive Design Responsible if no alternatives.

Components/Semi components/Materials delivered to Kongsberg Automotive (KA) must be declared by supplier in IMDS. For each part, the supplier shall submit a MDS (Material Data Sheet) consisting of a declaration of all materials included and their weight.

The MDS is always a part of the PPAP/PSW.

The MDS must be accepted by Kongsberg Automotive before the PPAP/PSW can be approved.

Due date: Language:	The MDS shall be sent 4 weeks before decided PPAP date. Always use English.
Wildcard/Joker/Misc.:	Maximum 10% in total for each material.
Structures:	According to IMDS Recommendation 001 including Annexes
Part/Item number:	Use the part number KA buy on.
r ar griterin namber.	If Published inform KA of the MDS Id No.
Drawing number:	Must always be filled in.
Change level of drawing:	Must always be filled in.
Date of report:	Must always be filled in.

Suppliers shall send MDS to one of Kongsberg Automotive Company id 175098 established Organization Units, see table 1.

When Supplier deliver identical part to several Kongsberg Automotive plants using different part numbers supplier shall submit one MDS to each org unit.

If supplier deliver identical part to several Kongsberg Automotive plants using same part number, submit MDS to one org unit and inform Kongsberg Automotive Project SQD contact.

To read more about IMDS, see <u>http://www.mdsystem.com/index.jsp</u> Here you find info how to create an account in IMDS, user manuals and recommendations.

Table of related and supporting documents:

(in case other documents linked to this one, please put it in the table below)

Doc. No.	Doc. Name	
1000375968	IMDS Contacts at KA plants (KA PLM system)	
IN-DE-005-KA	KA Engineering Drawings	

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Table 1

Production Plant	City - Country	Org Unit Id
Kongsberg Power Products Systems I, Inc	Willis - USA	175327
Kongsberg Automotive AB	Mullsjö - Sweden	175328
Kongsberg Automotive Sp. z.o.o.	Pruszkow - Poland	175329
Kongsberg Automotive S de RL de CV	Reynosa - Mexico	175330
Kongsberg Driveline Systems S de RL de CV	Nuevo Laredo - Mexico	175332
Kongsberg Automotive AS	Hvittingfoss - Norway	175334
Kongsberg Automotive AS	Raufoss - Norway	175335
Kongsberg Automotive Ltd	Burton - United Kingdom	175336
Kongsberg Actuation Systems SL	Epila - Spain	175337
Kongsberg Interior Systems Kft	Siofok - Hungary	175338
Kongsberg Interior Systems S de RL de CV	Matamoros - Mexico	175339
Kongsberg Actuation Systems Ltd	Normanton - United Kingdom	175340
Kongsberg Actuation Systems II, Inc	Grand River - USA	175341
Kongsberg Automotive (Wuxi) Ltd	Wuxi - China	175343
Kongsberg Driveline Systems SAS	Cluses - France	175346
Shanghai Lone Star Cable Co Ltd	Shanghai - China	175347
Kongsberg Automotive Ltda	Jundiai - Brazil	175348
Kongsberg Power Products Systems I, Inc	Shawinigan - Canada	175349
Kongsberg Automotive Driveline System India Ltd	Palwal, Prithla - India	175350
Shanghai Kongsberg Automotive Dong Feng Morse Co Ltd	Shanghai - China	175352
Kongsberg Power Products Systems AB	Ljungsarp - Sweden	175353
Kongsberg Actuation Systems II, Inc	Suffield - USA	175354
Kongsberg Automotive Ltd	Yangsan - Korea	175355
Kongsberg Automotive s.r.o.	Vrable - Slovakia	175345
Kongsberg Automotive Sp. z.o.o.	Koluszki - Poland	176729
Kongsberg Automotive Sp. z.o.o.	Brzesc - Poland	186499
Kongsberg Automotive – Ramos Arizpe	Ramos Arizpe - Mexico	188887