

BMW i8 Roadster (DATE 07/2020)

The BMW Group is committed to sustainable principles and is therefore taking proactive measures to avoid certain chemicals in the production of our vehicles. Due to that only substances that are technically required in the product are still contained. The substances are incorporated in such a way that potential exposure to the customers is minimised, and danger for humans or the environment can be excluded as long as the vehicle and its parts are used as intended, and any repairs, servicing and maintenance are carried out following technical instructions for those activities, and industry standard good practices. Safe use of the product is described in the owner manual that is consistent with our own commitment to promote the responsible manufacturing, handling and use of our products. Our information on repair and servicing of vehicles and genuine parts also includes safe use information for service personnel. An end-of-life vehicle may only be disposed of legally in the European Union at an Authorised Treatment Facility (ATF). Vehicle parts should be disposed in accordance with locally applicable laws and local authority guidance.

Communication of information according to Article 33 REACH

This product is composed of articles defined under Article 3(3) of the Regulation No. 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). Any supplier shall comply with the duty to communicate information on substances in articles in accordance to Article 33. This product, including any article that the product is composed of, does contain substances meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (ww). We inform that lead (CAS-No. 7439-92-1) is used in almost all products categories, primary as alloying element. Recycled aluminum and metals may contain lead as impurity.

Name of substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (Typical use according to the REACH Annex XV Dossier)	Location of article containing the substance in the product (Detailed, including optional equipment)
1,2-Dimethoxyethane, ethylene glycol dimethyl ether EGDME (as process solvent and for surface treatment)	Drive Assistance (Radio-controlled locking system) Entertainment and Navigation (Anti-theft device)
1,3-propanesultone (as electrolyte in batteries)	Drive Assistance (Radio-controlled locking system)
1-Methyl-2-pyrrolidone, NMP (for production of electronic equipment and coatings)	Powertrain (Automatic transmission)
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol, UV-328 (for production of UV-adsorbing polymers and coatings)	Body (Coverings rocker panel/wheelhouse) Interior (Body equipment)
2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone (used as photo initiator in polymer production)	Powertrain (Electrical fan suction-type)
2-methyl-1-(4-methylthiophenyl)-2-morpholino-propan-1-one (used as photo initiator in polymer production)	Electronic (Cable harness) Heating and air conditioning (Heater with control, seat heating) Powertrain (Variable valve train) Powertrain/Chassis (Board equipment)
2-methylimidazole (as hardener in epoxy resins, for production of adhesives)	Electronic (Control units, moduls) Powertrain (Engine cooler with mounting)
Boric acid (as raw material for the production of glass, ceramics, and insulation, as additive in polymers, as flame retardant of cellulose and cotton)	Entertainment and Navigation (Video and tv-sets) Heating and air conditioning (Air conditioner) Interior (Convertible top motor-operated)
Diazene-1,2-dicarboxamide, ADCA (as blowing agent in plastic and rubber manufacturing)	Body (Door locks, grab handles and front fittings)
Diboron trioxide (for glass production of borosilicate and crystal glass)	Body (Boot lid latch, locks and fittings) Communication (Off-hands mobile communication) Drive Assistance (Radio-controlled locking system) Electronic (Front lamp cluster, High-voltage accumulator system, High-voltage battery individual components) Entertainment and Navigation (Airbag-releasing device, Two-way telephone and alarm system) Heating and air conditioning (Heater with control, seat heating) Powertrain (Automatic transmission, Delivery, preparation and content measurement, control units, fuel pump)
Dodecachloropentacyclo[12.2.1.16.9.02.13.05.10]octadeca-7,15-diene, "Dechlorane Plus" TM (as flame retardant)	Electronic (High voltage charging electronics) Entertainment and Navigation (Radio, amplifier, CD-player) Optional Equipment (Switches, small devices and ecus)
Imidazolidine-2-thione, 2-imidazoline-2-thiol (for production of polymers and rubbers)	Chassis (Front axle suspension, Steering gear) Communication (Off-hands mobile communication)
Lead monoxide, lead oxide (as constituent of electronic components)	Chassis (Brake boosters) Communication (Off-hands mobile communication) Drive Assistance (Radio-controlled locking system, Rear view camera) Electronic (Control units, moduls, Front lamp cluster, High voltage charging electronics, High-voltage accumulator system, High-voltage battery individual components, Horn, Instrument cluster) Entertainment and Navigation (Airbag-releasing device, Central display and control unit, Two-way telephone and alarm system) Heating and air conditioning (Air conditioner, Heater with control, seat heating) Optional Equipment (Switches, small devices and ecus) Powertrain (Alternator with drive and mountings, Automatic transmission, Control Hybrides/E-drive, Delivery, preparation and content measurement, control units, fuel pump, Sensor for injection control unit)
Lead titanium trioxide (as constituent of electronic components)	Drive Assistance (Radio-controlled locking system)
Lead titanium zirconium oxide (as constituent of electronic components)	Electronic (Control units, moduls, High-voltage accumulator system, High-voltage battery individual components) Heating and air conditioning (Air conditioner) Interior (Mirrors, sun visors, ashtrays, trays) Powertrain (Automatic transmission, Sensor for injection control unit)
N,N-dimethylacetamide (as process solvent in polymer production)	Powertrain (Alternator with drive and mountings)
Nonylphenol (as dispersing agent in coatings, adhesives and paints)	Powertrain (Automatic transmission, Control Hybrides/E-drive, Engine sound system)
Octamethylcyclotetrasiloxane (feedstock (i.e. monomer) for the production of various type of silicone polymers)	Chassis (Accelerator foot control) Communication (Off-hands mobile communication) Electronic (Switch, sensor)
Silicic acid, lead salt (as constituent in ceramic and glass)	Electronic (Control units, moduls, Head-up Display) Heating and air conditioning (Heater with control, seat heating) Powertrain (Automatic transmission)
Terphenyl, hydrogenated (as additive in plastic applications, for adhesive and sealants, use for coatings/inks)	Powertrain (Gear control)
Trixylyl phosphate (as flame retardant in polymers)	Interior (Body equipment)

The information provided in this document related to material and substance content represents our knowledge and belief, which may be based in whole or in part on available information provided by suppliers to us. Additional information: Certain inorganic oxides are bound in glass or ceramic matrices that change their individual substance properties as well as their communication duties under REACH. Similar changes occur with certain precursors that are bound in polymers.