

BMW Z4 Roadster (DATE 01/2021)	
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.	
<b>Communication of information according to Article 33 REACH</b>	
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 (w/w). 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) Wheels and tires (Car wheels)
1,3-propanesultone (as electrolyte in batteries)	Wheels and tires (Car wheels)
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol, UV-328 (for production of UV-adsorbing polymers and coatings)	Body (Bonnet latch, locks and fittings, Coverings rocker panel/wheelhouse, External fittings, Loose car body components, Sealings, Electronic (Plug-connection cable, clamp)  Entertainment and Navigation (Video and tv-sets)  Heating and air conditioning (Air and water lines)
2-Ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate, DOTE (for production of paints and polymers)	Body (External fittings) Electronic (Control units, moduls, Windshield-washer unit)
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (used as photo initiator in polymer production)	Electronic (Cable harness, Control units, moduls) Interior (Front seats, Mirrors, sun visors, ashtrays, trays) Powertrain/Chassis (Board equipment)
4,4'-Isopropylidenediphenol (for production of polymers and resins)	Body (Airbags) Electronic (Switch, sensor)
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (formulation of mixtures e.g. of polymers)	Powertrain (Alternator with drive and mountings)
Bis(2-(2-methoxyethoxy)ethyl)ether, tetraglyme (as process solvent)	Chassis (Steering column)
Boric acid (as raw material for the production of glass, ceramics, and insulation, as additive in polymers, as flame retardant of cellulose and cotton)	Electronic (Windshield-washer unit) Entertainment and Navigation (Video and tv-sets) Powertrain (Starter with mount)
Decamethylcyclotetrasiloxane (feedstock (i.e. monomer) for the production of various type of silicone polymers)	Drive Assistance (Radio-controlled locking system) Powertrain (Engine cooler with mounting, Oil pressure, -temperature, oil level indicator)
Diazene-1,2-dicarboxamide, ADCA (as blowing agent in plastic and rubber manufacturing)	Body (Bodyshell, Bonnet latch, locks and fittings, Loose car body components) Electronic (Control units, moduls, Plug-connection cable, clamp, Power distribution box, Jumper cable supports) Entertainment and Navigation (Loudspeaker and cover) Interior (Convertible top motor-operated, Floor, trunk, engine compartment trim, mats, Front door trim panel with armrests, Insulating panel, Mirrors, sun visors, ashtrays, trays, Rear door trim panel with armrests, Side trim panel with armrests)
Diboron trioxide (for glass production of borosilicate and crystal glass)	Body (Body trim, Boot lid latch, locks and fittings) Chassis (Anti-block system) Drive Assistance (Time-to-line crossing external camera) Electronic (Battery with holder, Brake lights, Control units, moduls, Instrument cluster, Switch, sensor, Windshield wipers) Entertainment and Navigation (Video and tv-sets) Heating and air conditioning (Air conditioner)
Dicyclohexyl phthalate (formulation of polymers, sealant compounds and textile printing)	Powertrain (Engine cooler with mounting)
Dodecachloropentacyclo[12.2.1.16.9.02,13.05,10]octadeca-7,15-diene, "Dechlorane Plus" <sup>TM</sup> (as flame retardant)	Entertainment and Navigation (Anti-theft device)
Imidazolidine-2-thione, 2-imidazoline-2-thiol (for production of polymers and rubbers)	Communication (Off-hands mobile communication)
Lead monoxide, lead oxide (as constituent of electronic components)	Body (Body trim) Chassis (Anti-block system) Drive Assistance (Time-to-line crossing external camera) Electronic (Battery with holder, Brake lights, Control units, moduls, Front lamp cluster, Horn, Inner lights, Instrument cluster, Switch, sensor, Windshield wipers) Entertainment and Navigation (Anti-theft device, Central display and control unit, Video and tv-sets) Heating and air conditioning (Heater with control, seat heating) Interior (Mirrors, sun visors, ashtrays, trays) Powertrain (Carbon canister ventilation, Sensor for injection control unit, Thermostat and engine mounted cooling lines, Ventilation, evaporation emission control)
Lead titanium zirconium oxide (as constituent of electronic components)	Chassis (Steering column) Electronic (Switch, sensor) Powertrain (Sensor for injection control unit)
Nonylphenol (as dispersing agent in coatings, adhesives and paints)	Chassis (Pedals) Entertainment and Navigation (Radio, amplifier, CD-player)
Octamethylcyclotetrasiloxane (feedstock (i.e. monomer) for the production of various type of silicone polymers)	Chassis (Accelerator foot control) Drive Assistance (Radio-controlled locking system) Powertrain (Engine cooler with mounting, Starter with mount)
Silicic acid, lead salt (as constituent in ceramic and glass)	Entertainment and Navigation (Radio, amplifier, CD-player)
Trixylyl phosphate (as flame retardant in polymers)	Interior (Mirrors, sun visors, ashtrays, trays)
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.	