

**BMW Z4 (DATE 11/2024)**

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 (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)
2-Ethoxyethyl acetate (typically for production of paints and polymers)	Interieur (Front seats)
1,2-Dimethoxyethane, ethylene glycol dimethyl ether, EGDME (typically as process solvent and for surface treatment)	Drive Assistance (Radio-controlled locking system) Entertainment and Navigation (Anti-theft device) Wheels and tires (Car wheels)
6,6'-Di-tert-butyl-2,2'-methylene-di-p-cresol (typically for production of polymers and rubbers)	Body (Airbags, Safety belts) Chassis (Steering column) Electronic (Cable harness, Control units, moduls) Entertainment and Navigation (Anti-theft device) Interieur (Convertible top motor-operated)
2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (typically used in coatings, paints and fillers)	Chassis (Rear wheel brakes) Drive Assistance (Rear view camera) Electronic (Cable harness, Control units, moduls, Switch, sensor) Interieur (Convertible top motor-operated, Front seats) Powertrain (Thermostat and engine mounted cooling lines)
2-Methylimidazole (typically as hardener in epoxy resins and for production of adhesives)	Chassis (Rear wheel brakes)
4,4'-Isopropylidenediphenol (typically for production of polymers and resins)	Communication (Off-hands mobile communication)
Bis(α,α-dimethylbenzyl) peroxide (typically used for production of polymers and as a processing aid and cross-linker in polymers)	Chassis (Anti-block system, Brake control (Hydraulic system), Front axle suspension, Steering column) Electronic (Windshield wipers) Heating and air conditioning (Nozzles, flow-out organs) Interieur (Mirrors, sun visors, ashtrays, trays) Powertrain (Coolant pump with drive, Engine suspension, Exhaust pipe with catalyst or complete system, DPF, Exhaust suspension, Expansion tank, Oil pump with strainer and drive, Starter with mount, Supercharging contrivance with regulation, Thermostat and engine mounted cooling lines) Powertrain/Chassis (Board equipment) Wheels and tires (Car wheels)
Diazene-1,2-dicarboxamide, ADCA (typically as blowing agent in plastic and rubber manufacturing)	Body (Bodyshell, Bonnet latch, locks and fittings) Interieur (Convertible top motor-operated, Front door trim panel with armrests, Mirrors, sun visors, ashtrays, trays)
Lead monoxide, lead oxide (typically as constituent of electronic components)	Body (Air guides, Window mechanism with electrical control in front door) Chassis (Anti-block system, Steering column) Drive Assistance (Distance warning systems, Heading control, Rear view camera) Electronic (Brake lights, Control units, moduls, Front lamp cluster, Head-up Display, Inner lights, Switch, sensor, Windshield wipers) Entertainment and Navigation (Radio, amplifier, CD-player, Video and tv-sets) Heating and air conditioning (Heater with control, seat heating) Interieur (Convertible top motor-operated, Mirrors, sun visors, ashtrays, trays) Powertrain (Automatic transmission, Carbon canister ventilation, Coolant pump with drive, Electronic switching or control devices, Fuel tank with filler pipe, Sensor for injection control unit, Variable valve train, Ventilation, evaporation emission control)
Diboron trioxide (typically for production of borosilicate and crystal glass)	Body (Air guides, Boot lid latch, locks and fittings) Chassis (Anti-block system) Communication (Off-hands mobile communication) Electronic (Brake lights, Control units, moduls, Switch, sensor, Windshield wipers) Entertainment and Navigation (Anti-theft device, Video and tv-sets) Heating and air conditioning (Air conditioner) Interieur (Mirrors, sun visors, ashtrays, trays) Powertrain (Manual transmission, Variable valve train)
Boric acid (typically for production of glass and ceramics and as flame retardant)	Electronic (Windshield-washer unit)
Decamethylcyclopentasiloxane (typically as feedstock for the production of silicone polymers)	Drive Assistance (Radio-controlled locking system) Powertrain (Engine cooler with mounting)
Dicyclohexyl phthalate (typically as plasticizer for production of polymers)	Powertrain (Engine cooler with mounting)
Dodecamethylcyclohexasiloxane (typically as feedstock for the production of silicone polymers)	Powertrain (Engine cooler with mounting)
Imidazolidine-2-thione (typically for production of polymers and rubbers)	Powertrain (Carbon canister ventilation)
Nonylphenol (typically as dispersing agent in coatings, adhesives and paints)	Chassis (Pedals)
Octamethylcyclotetrasiloxane (typically as feedstock for the production of silicone polymers)	Drive Assistance (Radio-controlled locking system) Heating and air conditioning (Heater with control, seat heating) Powertrain (Engine cooler with mounting)
Tris(4-nonylphenyl, branched and linear) phosphite, TNPP (typically for production of polymers and rubbers)	Chassis (Pedals) Interieur (Convertible top motor-operated)
2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (typically as flame retardant and as additive in plastics and resins)	Chassis (Self-levelling elements for hydropneumatic system) Communication (Off-hands mobile communication) Electronic (Inner lights, Switch, sensor) Entertainment and Navigation (Airbag-releasing device, Antenna) Interieur (Front seats, Mirrors, sun visors, ashtrays, trays) Powertrain (Manual transmission)
Melamine (typically used in coatings, inks, resins and polymers)	Chassis (Steering gear) Electronic (Cable harness) Interieur (Front door trim panel with armrests, Front seats) Powertrain (Housing cover)
Medium-chain chlorinated paraffins (typically as flame retardant and as additive in plastics, sealants, rubber, textiles)	Interieur (Convertible top motor-operated)
Bumetrizole (typically as plasticizer for production of polymers and paints)	Body (Loose car body components, Sealings) Chassis (Anti-block system, Brake control (Hydraulic system)) Entertainment and Navigation (Central display and control unit ) Interieur (Convertible top motor-operated) Powertrain (Fuel lines)
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide (typically as additive in plastic applications, for adhesives, sealants, coatings and inks)	Interieur (Mirrors, sun visors, ashtrays, trays)
2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (typically as dispersing agent in coatings, adhesives, sealants, printing inks, fillers)	Body (Safety belts) Communication (Off-hands mobile communication) Electronic (Front lamp cluster, Inner lights, Switch, sensor) Heating and air conditioning (Heater with control, seat heating) Interieur (Front seats, Mirrors, sun visors, ashtrays, trays)
2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone (typically for adhesives, sealants, coatings and inks)	Chassis (Anti-block system) Entertainment and Navigation (Radio, amplifier, CD-player) Powertrain (Thermostat and engine mounted cooling lines)
Bis(2-(2-methoxyethoxy)ethyl)ether, tetraglyme (typically as process solvent)	Electronic (Horn)
S-(Tricyclo(5.2.1.0 <sup>2,6</sup> )deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate (typically used in lubricants)	Powertrain (Vacuum pump)

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.