

BMW 3 Series Gran Turismo (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) Wheels and tires (Car wheels)
1-Methyl-2-pyrrolidone, NMP (for production of electronic equipment and coatings)	Electronic (Power distribution box, Jumper cable supports)
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol, UV-328 (for production of UV-adsorbing polymers and coatings)	Body (Bonnet latch, locks and fittings, Loose car body components) Chassis (Pedals) Electronic (Instrument cluster) Heating and air conditioning (Air and water lines)
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (used as photo initiator in polymer production)	Powertrain (Variable valve train)
2-methylimidazole (as hardener in epoxy resins, for production of adhesives)	Powertrain (Delivery, preparation and content measurement, control units, fuel pump, Engine cooler with mounting)
4,4'-Isopropylidenediphenol (for production of polymers and resins)	Electronic (Switch, sensor)
Aluminosilicate Refractory Ceramic Fibres (for heat insulation)	Powertrain (Catalyst with suspension, DPF)
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 (Instrument cluster) 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)	Powertrain (Selective catalytic reduction technology, Thermostat and engine mounted cooling lines)
Diazene-1,2-dicarboxamide, ADCA (as blowing agent in plastic and rubber manufacturing)	Body (Bodyshell, Bonnet latch, locks and fittings, Bumper rear, Loose car body components, Safety belts) Chassis (Steering column) Electronic (Control units, moduls, Plug-connection cable, clamp, Power distribution box, Jumper cable supports, Rear light cluster) Entertainment and Navigation (Loudspeaker and cover) Interior (Floor, trunk, engine compartment trim, mats, Front door trim panel with armrests, Front seats, Headlining, Instrument panel, Insulating panel, Rear door trim panel with armrests, Side trim panel with armrests, Sliding roof) Powertrain (Fuel lines, Fuel tank with filler pipe, Ventilation, evaporation emission control)
Diboron trioxide (for glass production of borosilicate and crystal glass)	Chassis (Steering gear) Communication (Off-hands mobile communication) Electronic (Brake lights) Entertainment and Navigation (Two-way telephone and alarm system) Heating and air conditioning (Air conditioner) Interior (Mirrors, sun visors, ashtrays, trays) Powertrain (Delivery, preparation and content measurement, control units, fuel pump, Exhaust gas recirculation)
Imidazolidine-2-thione, 2-imidazole-2-thiol (for production of polymers and rubbers)	Body (Door locks, grab handles and front fittings, Door locks, grab handles and rear fittings) Chassis (Steering gear) Communication (Off-hands mobile communication) Entertainment and Navigation (Loudspeaker and cover) Interior (Sliding roof) Powertrain (Quick disconnects, terminals, loose parts)
Lead monoxide, lead oxide (as constituent of electronic components)	Communication (Off-hands mobile communication) Drive Assistance (Distance warning systems, Rear view camera, Side view camery system) Electronic (Brake lights, Control units, moduls, Front lamp cluster, Horn, Instrument cluster, Switch, sensor) Entertainment and Navigation (Central display and control unit, Two-way telephone and alarm system) Heating and air conditioning (Air conditioner, Heater with control, seat heating) Interior (Front seats, Mirrors, sun visors, ashtrays, trays) Powertrain (Automatic transmission, Carbon canister ventilation, Delivery, preparation and content measurement, control units, fuel pump, Sensor for injection control unit)
Lead titanium zirconium oxide (as constituent of electronic components)	Drive Assistance (Distance warning systems, Rear view camera, Side view camery system) Electronic (Control units, moduls, Switch, sensor) Entertainment and Navigation (Radio, amplifier, CD-player) Interior (Mirrors, sun visors, ashtrays, trays) Powertrain (Sensor for injection control unit)
N,N-dimethylacetamide (as process solvent in polymer production)	Powertrain (Oil pressure, -temperature, oil level indicator)
Nonylphenol (as dispersing agent in coatings, adhesives and paints)	Chassis (Pedals) Heating and air conditioning (Air and water lines) Powertrain (Coolants lines)
Octamethylcyclotetrasiloxane (feedstock (i.e. monomer) for the production of various type of silicone polymers)	Chassis (Accelerator foot control) Communication (Off-hands mobile communication) Powertrain (Starter with mount)
Silicic acid, lead salt (as constituent in ceramic and glass)	Electronic (Brake lights) Entertainment and Navigation (Radio, amplifier, CD-player)

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.