

**BMW X1 (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.

**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)
1,2-Dimethoxyethane, ethylene glycol dimethyl ether EGDME (as process solvent and for surface treatment)	Entertainment and Navigation (Anti-theft device) Wheels and tires (Car wheels)
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)	Electronic (Instrument cluster)
2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone (used as photo initiator in polymer production)	Drive Assistance (Distance warning systems)
	Body (Colours, paints and basic material, Loose car body components)
2-Ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate, DOTE (for production of paints and polymers)	Electronic (Control units, moduls, Windshield-washer unit)  Powertrain (Coolants lines)
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (used as photo initiator in polymer production)	Electronic (Cable harness) Interior (Front seats) Powertrain/Chassis (Board equipment)
2-methylimidazole (as hardener in epoxy resins, for production of adhesives)	Electronic (Control units, moduls, High voltage charging electronics)
4-(1,1,3,3-tetramethylbutyl)phenol (for production of resins and polymers)	Powertrain (Exhaust pipe with catalyst or complete system, DPF) Powertrain (Automatic transmission)
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated (as dispersing agent in coatings, adhesives and paints)	Powertrain (Exhaust controls)
4,4'-Isopropylidenediphenol (for production of polymers and resins)	Electronic (Rear light cluster)
4-Nonylphenol, branched and linear, ethoxylated (as dispersing agent in coatings, adhesives and paints)	Powertrain (Automatic transmission)
Aluminosilicate Refractory Ceramic Fibres (for heat insulation)	Powertrain (Catalyst with suspension, DPF)
	Electronic (Instrument cluster)
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) Powertrain (Starter with mount)
Cobalt (II) Nitrate – hexahydrate (as additive in magnets for electronic assemblies)	Body (Safety belts)
Decamethylcyclotetrasiloxane (feedstock (i.e. monomer) for the production of various type of silicone polymers)	Electronic (Auxiliary cable, High voltage charging electronics) Powertrain (Engine cooler with mounting, Oil filter and lines, 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 (Floor, trunk, engine compartment trim, mats, Front door trim panel with armrests, Insulating panel, Rear door trim panel with armrests, Side trim panel with armrests)
	Communication (Off-hands mobile communication)
Diboron trioxide (for glass production of borosilicate and crystal glass)	Electronic (Front lamp cluster, High voltage charging electronics, 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, Control Hybrides/E-drive, Exhaust gas recirculation)
Disodium octaborate (frits, cellulose insulation, and construction materials, flux and refractory mixtures)	Body (Safety belts)
Dodecachloropentacyclo[12.2.1.16.9.02.13.05.10]octadeca-7,15-diene, "Dechlorane Plus" <sup>TM</sup> (as flame retardant)	Electronic (High voltage charging electronics) Entertainment and Navigation (Radio, amplifier, CD-player) Powertrain (Engine cooler with mounting)
Dodecamethylcyclohexasiloxane (feedstock (i.e. monomer) for the production of various type of silicone polymers)	Electronic (Auxiliary cable) Heating and air conditioning (Air conditioner)
	Body (Boot lid latch, locks and fittings)
	Chassis (Front axle suspension, Rear wheel brakes)
	Communication (Off-hands mobile communication)
	E-Drive (Drive for wiper unit/headlight cleaning unit) Powertrain (Ecu box/mounting)
	Chassis (Brake boosters)
	Communication (Off-hands mobile communication)
Lead monoxide, lead oxide (as constituent of electronic components)	Electronic (Control units, moduls, High voltage charging electronics, High-voltage accumulator system, High-voltage battery individual components, Horn, Instrument cluster, Switch, sensor) 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) Interior (Mirrors, sun visors, ashtrays, trays, Sliding roof) Powertrain (Alternator with drive and mountings, Automatic transmission, Carbon canister ventilation, Double clutch transmission, Preheating relay, Sensor for injection control unit)
	Electronic (Control units, moduls, High-voltage accumulator system, High-voltage battery individual components, Switch, sensor)
Lead titanium zirconium oxide (as constituent of electronic components)	Entertainment and Navigation (Airbag-releasing device) Heating and air conditioning (Air conditioner) Powertrain (Automatic transmission, Injection nozzles and tubing, Selective catalytic reduction technology, Sensor for injection control unit)
N,N-dimethylacetamide (as process solvent in polymer production)	Powertrain (Alternator with drive and mountings, Control Hybrides/E-drive, Oil pressure, -temperature, oil level indicator)
Nonylphenol (as dispersing agent in coatings, adhesives and paints)	Powertrain (Automatic transmission)
	Communication (Off-hands mobile communication)
Octamethylcyclotetrasiloxane (feedstock (i.e. monomer) for the production of various type of silicone polymers)	Electronic (High voltage charging electronics, Switch, sensor) Powertrain (Control Hybrides/E-drive, Engine cooler with mounting, Selective catalytic reduction technology, Starter with mount)
	Electronic (Control units, moduls)
Silicic acid, lead salt (as constituent in ceramic and glass)	Entertainment and Navigation (Radio, amplifier, CD-player) 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 (Control Hybrides/E-drive)

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.