

SVHC SAFE USE INFORMATION

REACH ARTICLE 33 INFORMATION CONCERNING SUBSTANCES OF VERY HIGH CONCERN

Dear Customer,

The REACH Regulation (Reg. EC 1907/2006) Article 33(1) is aimed at enabling customers of supplied products to take any relevant risk management measures that may arise from the presence in articles of Substances of Very High Concern (SVHCs) listed on the current Candidate List for Authorisation, in order to guarantee their safe use.

FORD supports the underlying goals of REACH generally and Article 33(1) specifically, which are consistent with our own commitment to promote the responsible manufacturing, handling and use of our products.

Identification of SVHCs

To the best of our knowledge based on information received from our supply chain and our own product data, the SVHCs present in component articles at greater than 0.1% w/w are those shown on the relevant “SVHC List” for the specific vehicle/part.

Specific Safe Use Information for Articles Containing SVHCs

If applicable, Specific Safe Use Information for articles containing SVHCs is added to the relevant “SVHC List” for the specific vehicle/part.

General Safe Use Information for Articles

Each FORD vehicle is provided with an owner manual, which includes safe use information for owners/operators of the vehicle. FORD information on repair and servicing of vehicles and genuine parts also includes safe use information for service personnel.

Where present in parts of this vehicle, the SVHCs shown on the relevant “SVHC List” for the specific vehicle/part 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.

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.

Model: Ford Ranger

SVHC List based on ECHA Candidate list as of 1st January 2023

Specific Safe Use Information for Articles Containing SVHCs

No specific safe use information is required – follow General Safe Use Information for Articles.

Commodity	REACH SVHCs
A/C Compressor	6,6'-Di-tert-butyl-2,2'-methylenedi-p-cresol [119-47-1] Lead [7439-92-1]
A/C Condensers and Accumulators	Melamine [108-78-1]
A/C Lines, Receiver Drier and Accumulator	Lead [7439-92-1]
ABS/ESC Module	Imidazolidine-2-thione [96-45-7] Lead [7439-92-1]
Accessories	1,2-Dimethoxyethane [110-71-4] 1-Methyl-2-pyrrolidone [872-50-4] Cobalt(II) nitrate hexahydrate [10026-22-9] Lead [7439-92-1]
Adaptive Cruise Control	Lead [7439-92-1]
Air Brakes	Lead [7439-92-1]
AIS - Air Cleaner and Low Pressure Ducts	Imidazolidine-2-thione [96-45-7] Lead [7439-92-1]
Alternator	Lead [7439-92-1]
Antenna	Lead [7439-92-1]
Applied Decorative Trim - (IP)	C,C'-azodi(formamide) [123-77-3]
Applied Parts - (IP)	C,C'-azodi(formamide) [123-77-3]
Appliques (Pillar, Decklid, Roof)	2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol [25973-55-1]
Audio and Navigation Head Units	Lead [7439-92-1]
Axle	Lead [7439-92-1]
Battery	Lead [7439-92-1] Lead-monoxide [1317-36-8]
Body Air Outlets	Imidazolidine-2-thione [96-45-7]
Body Moldings - Roof Rack	1,3,5-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione [2451-62-9] C,C'-azodi(formamide) [123-77-3] Melamine [108-78-1]
Body Side Interior Trim (Hard Trim)	Lead [7439-92-1]
Body Structure - Body Side Assembly	C,C'-azodi(formamide) [123-77-3]
Body Structure - Decklid/Liftgate (incl Hinge/Supt)	Lead [7439-92-1]
Body Structure - Floor Pan - Front Floor and Side Sill	Imidazolidine-2-thione [96-45-7] Lead [7439-92-1] Octamethylcyclotetrasiloxane [556-67-2]
Body Structure - Front End Structure	Lead [7439-92-1]
Body Structure - Package Tray	Lead [7439-92-1]

Bodyside, Wheel Arch, Rocker Moldings	Melamine [108-78-1]
Brake Actuation	Lead [7439-92-1]
Brake Tubes and Hoses	Boric acid [10043-35-3]
	Lead [7439-92-1]
Brakes - Caliper & Anchor Brkt Assy (Front, Rear)	Lead [7439-92-1]
Brakes - Drum (Front/Rear)	Lead [7439-92-1]
CHMSL	6,6'-Di-tert-butyl-2,2'-methylenedi-p-cresol [119-47-1]
	TBBA [79-94-7]
CHMSL (Center High Mount Stop Light)	Imidazolidine-2-thione [96-45-7]
Clutch / DMF (Dual Mass Flywheel)	Cobalt-sulfate-heptahydrate [10026-24-1]
	Lead [7439-92-1]
Combined Sensing Module	2-Benzyl-2-dimethylamino-4-morpholinobutyrophenone [119313-12-1]
Console Floor/Rear	Lead [7439-92-1]
Cooling - Transmission Oil Cooler	Cobalt(II) nitrate hexahydrate [10026-22-9]
Cooling Fans	Lead [7439-92-1]
Cooling Hoses & Bottles	Imidazolidine-2-thione [96-45-7]
	Lead [7439-92-1]
Curtain Airbag System	Lead [7439-92-1]
Door Handles	1-Methyl-2-pyrrolidone [872-50-4]
Dressed Engines Module	Lead [7439-92-1]
Driveshaft(s)	Imidazolidine-2-thione [96-45-7]
EDS Wiring Assembly & Components	2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol [25973-55-1]
	Cobalt-sulfate-heptahydrate [10026-24-1]
	Decamethylcyclopentasiloxane [541-02-6]
	Hexahydromethylphthalic-anhydride [25550-51-0]
	Lead [7439-92-1]
	Octamethylcyclotetrasiloxane [556-67-2]
	Tris(2-methoxyethoxy)vinylsilane [1067-53-4]
EGR System (Gas/Diesel)	Lead [7439-92-1]
Electro/Mechanical Devices	Lead [7439-92-1]
	TBBA [79-94-7]
Electro/Mechanical Devices - Reception	Lead [7439-92-1]
Electronic Control Panel and CCH	Lead [7439-92-1]
Electronic Modules - Displays	2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol [25973-55-1]
	Lead [7439-92-1]
Electronic Modules - Door Zone	Lead [7439-92-1]
Electronic Modules - Power Decklid/Liftgate (PLG)	TBBA [79-94-7]
Electronic Modules - SYNC	2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one [71868-10-5]
	2-Methylimidazole [693-98-1]
	Lead [7439-92-1]
Emergency Packet	1,3,5-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione [2451-62-9]
Evaporator and Blower Assembly (HVAC Module)	Imidazolidine-2-thione [96-45-7]
	Lead [7439-92-1]
	Poly(oxy-1,2-ethanediyl), alpha-(nonylphenyl)-omega-hydroxy-, branched [68412-54-4]

Exhaust Cold End (Muffler & Output Pipe Assembly)	Lead [7439-92-1]
Exhaust Hot End (Catalytic Converter)	Refractory ceramic fibres [142844-00-6]
Exterior Cargo Management	2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol [25973-55-1]
	C,C'-azodi(formamide) [123-77-3]
	Lead [7439-92-1]
Exterior Cargo Mgmt	Alkanes, C14-17, chloro [85535-85-9]
	Lead [7439-92-1]
Exterior Usability Appearance and Protection	C,C'-azodi(formamide) [123-77-3]
	Lead [7439-92-1]
Fascia Grille - Radiator	2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol [25973-55-1]
FEAD	Lead [7439-92-1]
Fixed Glass	C,C'-azodi(formamide) [123-77-3]
	Lead [7439-92-1]
Front Floor Console Main Moulding	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate [15571-58-1]
	Alkanes, C16-35, chloro [85049-26-9]
	C,C'-azodi(formamide) [123-77-3]
	Hexahydromethylphthalic-anhydride [25550-51-0]
Fuel Door	Lead [7439-92-1]
Fuel Filler Pipes	Cobalt-dinitrate [10141-05-6]
	Lead [7439-92-1]
Fuel Lines	Cobalt sulphate [10124-43-3]
	Imidazolidine-2-thione [96-45-7]
	Lead [7439-92-1]
Fuel Tanks	Lead [7439-92-1]
	N,N-Dimethylacetamide [127-19-5]
Headlamp / Side Marker	Diboron-trioxide [1303-86-2]
	Lead [7439-92-1]
	Silicic acid, lead salt [11120-22-2]
Headliner / Sunvisor	C,C'-azodi(formamide) [123-77-3]
Headliner Assembly	4,4'-Isopropylidenediphenol [80-05-7]
	Lead [7439-92-1]
Hydraulic Distribution	Lead [7439-92-1]
I/S Mirror	Lead [7439-92-1]
Inflatable Knee Bolster or Active Leg Protection	Lead [7439-92-1]
Instrument Cluster	2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol [25973-55-1]
	Boric acid [10043-35-3]
	Lead [7439-92-1]
	TBBA [79-94-7]
Instrument Panel Main Molding	C,C'-azodi(formamide) [123-77-3]
	Lead [7439-92-1]
	Refractory ceramic fibres [142844-00-6]
Interior Lighting	Lead [7439-92-1]
	TBBA [79-94-7]
IP Substrate and Ducts	Lead [7439-92-1]
Latches - Hood, Decklid and Liftgate Latches	1-Methyl-2-pyrrolidone [872-50-4]
	Lead [7439-92-1]
Leaf Screen	Imidazolidine-2-thione [96-45-7]
Locks	Hexahydromethylphthalic-anhydride [25550-51-0]
	Lead [7439-92-1]

	TBBA [79-94-7]
	Tetrahydro-4-methylphthalic anhydride [34090-76-1]
Mirrors	Lead [7439-92-1]
	TBBA [79-94-7]
Module - Front Seat	Alkanes, C14-17, chloro [85535-85-9]
	C,C'-azodi(formamide) [123-77-3]
	Imidazolidine-2-thione [96-45-7]
	Lead [7439-92-1]
	Sodium borate, decahydrate [1303-96-4]
	TBBA [79-94-7]
Module - Second Seat	Alkanes, C14-17, chloro [85535-85-9]
	C,C'-azodi(formamide) [123-77-3]
	Lead [7439-92-1]
Moonroof	Boric acid [10043-35-3]
Outer Handles and Actuation	1-Methyl-2-pyrrolidone [872-50-4]
Paint	2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol [25973-55-1]
Park Assist	2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol [25973-55-1]
	2-Benzyl-2-dimethylamino-4-morpholinobutyrophenone [119313-12-1]
	2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one [71868-10-5]
	Melamine [108-78-1]
	TBBA [79-94-7]
PATS Transceiver	Lead [7439-92-1]
PCV System	C,C'-azodi(formamide) [123-77-3]
Pedal Box	C,C'-azodi(formamide) [123-77-3]
	TBBA [79-94-7]
PEM	Lead [7439-92-1]
Pick-Up Box Body	C,C'-azodi(formamide) [123-77-3]
	Cobalt-sulfate-heptahydrate [10026-24-1]
Plastic Bumpers and Fascias	2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol [25973-55-1]
	Melamine [108-78-1]
Power Liftgate / Trunk Module and Electronics	Lead [7439-92-1]
Powertrain Control Module (PCM/EEC/ ECM)	Lead [7439-92-1]
	TBBA [79-94-7]
PT Mounts	Lead [7439-92-1]
PT Sensors	Lead [7439-92-1]
Radiator Assembly	C,C'-azodi(formamide) [123-77-3]
Rain and Daylight Sensor	1,3,5-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione [2451-62-9]
Rear Closure Exterior Handle and Actuation	1-Methyl-2-pyrrolidone [872-50-4]
Restraint Electronics	Lead [7439-92-1]
Retainer Plate Spare Wheel	Lead [7439-92-1]
Roof Bars and Roof Rack	Lead [7439-92-1]
Seat Belt Assembly Front Row	Cobalt-dinitrate [10141-05-6]
	Lead [7439-92-1]
Seat Belts - Second Row	2-Ethoxyethanol [110-80-5]
	2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one [71868-10-5]
	Cobalt-dinitrate [10141-05-6]
	Lead [7439-92-1]

Shifter Cables/Brackets - Auto	2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one [71868-10-5]
	C,C'-azodi(formamide) [123-77-3]
	Cobalt-sulfate-heptahydrate [10026-24-1]
	Lead [7439-92-1]
Shock Absorbers	Lead [7439-92-1]
Side and Rear Vision (BLIS)	Lead [7439-92-1]
Smart Data Link Module	TBBA [79-94-7]
Smart Junction Box & Body Control Module (SPDJB)	Lead [7439-92-1]
Speakers / Tweeters	Melamine [108-78-1]
Spoiler	6,6'-Di-tert-butyl-2,2'-methylenedi-p-cresol [119-47-1]
Static Sealing	C,C'-azodi(formamide) [123-77-3]
Steering Column	Lead [7439-92-1]
Steering Gear and Linkage	Lead [7439-92-1]
Steering Wheel, Drive Air Bag	TBBA [79-94-7]
Switches - General Use	4,4'-Isopropylidenediphenol [80-05-7]
	Lead [7439-92-1]
	TBBA [79-94-7]
Switches - Headlamp. Window & Door	1,3,5-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione [2451-62-9]
	Lead [7439-92-1]
	Octamethylcyclotetrasiloxane [556-67-2]
	TBBA [79-94-7]
Switches - Steering Column	Lead [7439-92-1]
	TBBA [79-94-7]
Taillamp / Redundant	Diboron-trioxide [1303-86-2]
	Lead [7439-92-1]
Temperature Sensors - Climate	1,3,5-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione [2451-62-9]
	TBBA [79-94-7]
Tires	Lead [7439-92-1]
TPMS	1,3-Propanesultone [1120-71-4]
	Dodecamethylcyclohexasiloxane [540-97-6]
	Lead [7439-92-1]
Transfer Case (RWD)	Lead [7439-92-1]
	Octamethylcyclotetrasiloxane [556-67-2]
Transmission - Auto	Cobalt-sulfate-heptahydrate [10026-24-1]
	Ethylenediamine [107-15-3]
	Lead [7439-92-1]
Transmission (Auto) - Oil Pumps	Cobalt-sulfate-heptahydrate [10026-24-1]
Turbocharger	Cobalt-dinitrate [10141-05-6]
Underbody Shields and Wheel Liners	Imidazolidine-2-thione [96-45-7]
Window Regulator	Lead [7439-92-1]
Wiper Assembly (Rear, Front) & Washer System	Lead [7439-92-1]

