

TECHNICAL BULLETIN

Date: June 15, 2023
Subject: RoHS, RoHS 2 & RoHS 3 (Restriction of Hazardous Substances) Directives Compliance
Products: EnsoLite®, ArmaSport® & EnsoLine®

In accordance with current RoHS, RoHS 2, RoHS 3 (Restriction of the use of Hazardous Substances) and WEEE (Waste in Electrical and Electronic Equipment) legislation enacted by the EU and adopted by many other countries, EnsoLite®, ArmaSport® & EnsoLine® brand products contain no more than the allowed amounts (either less than 100 or 1000 ppm depending on substance) of the following hazardous substances:

RoHS EU Directive (2002/95/EC)	Cadmium	Mercury	PBDE (Polybrominated Diphenyl Ethers)
	Lead	Hexavalent Chromium	PBB (Polybrominated Biphenyls)

RoHS 2 EU Directive (2011/65/EU)	RoHS 2 is an updated / recast version of RoHS. It includes a CE-marking directive, with RoHS compliance now being required.
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RoHS 3 EU Directive (2015/863/EU)	RoHS 3 adds four more controlled substances (specific phthalates – see below) are added to the list in addition to the six restricted substances in original RoHS directive in 2002, as can be viewed in table above.		
	BBP (Butyl benzyl phthalate)	DEHP (Bis (2-ethylhexyl) phthalate)	
	DBP (Dibutyl phthalate)	DIBP (Diisobutyl phthalate)	

●	We do not intentionally add lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE) as well as arsenic, pentabromodiphenyl ether, decabromodiphenyl ether (DecaBDE) or octabromodiphenyl ether to any EnsoLite®, ArmaSport® and/or EnsoLine® product.
●	Armacell does not intentionally utilize BBP (Butyl benzyl phthalate), DBP (Dibutyl phthalate), DEHP (Bis (2-ethylhexyl) phthalate) and/or DIBP (Diisobutyl phthalate) in EnsoLite®, ArmaSport® and/or EnsoLine® products.
●	EnsoLite®, ArmaSport®, and EnsoLine® rubber products do not contain any Class I or Class II ozone depleting chemicals. No CFC's are used or released in the manufacturing process.
●	EnsoLite®, ArmaSport®, & EnsoLine® products do not contain any of the compounds listed above the indicated thresholds. The response provided by Armacell for EnsoLite®, ArmaSport®, & EnsoLine® brand products is based upon our knowledge of the raw materials used in the manufacturing process.
●	To the best of our knowledge, all the products manufactured by Armacell (EnsoLite®, ArmaSport®, & EnsoLine® brand products) (Conover, NC; Mebane, NC; Florianópolis, Brazil Plants) fulfill the RoHS, RoHS 2, RoHS 3 & WEEE requirements.

If you have any questions, or need additional information concerning Armacell Component Foam products, please contact the component foam technical management & chemical regulatory compliance team at Armacell:

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