Regulatory Datasheet

SURFYNOL® 104 E

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1. Global chemical inventories

This chapter was last reviewed on Oct 15, 2025
The below country inventory information results from a set of confidential data. If required, necessary data can be made available to the country authorities directly.

Australia (AIIC)
All substances are listed or exempted.

Canada (DSL)
All substances are listed or exempted.

China (IECSC)
All substances are listed or exempted.

EU (EINECS/ELINCS)
All substances are listed or exempted.

EU (REACH)
All relevant substances are registered or exempted.
If you are buying the product from outside the EU and plan to import it into the EU, please be aware of your responsibilities under REACH regulation.

Japan (ENCS)
All substances are listed or exempted.

Eurasian Economic Union (EAEU-REACH)
The relevant substances were reported to the inventory of chemicals and mixtures of the Eurasian Economic Union. (EAEU inventory).

Switzerland (ChemO)
All relevant substances are registered under EU-REACH thus the product does not contain new substances.

South Korea (KECL)
All substances are listed or exempted.
For the K-Reach status, please ask us for the Korean Letter Of Conformity (K-LOC).

New Zealand (NZIoC)
All substances are listed or exempted.

Philippines (PICCS)
All substances are listed or exempted.

Taiwan (TCSI)
All substances are listed or exempted.

Türkiye (KKDIK)
All relevant substances are pre-registered.
In case of intended own import into Türkiye, please be aware of your responsibilities under the KKDIK Regulation. If necessary, apply for OR-coverage.

UK (UK-REACH)
The Downstream User Import Notification (DUIN) of the relevant substances is completed.
Please note, that it is only possible for UK-based companies that were downstream users or distributors in the 2 years before the end of the transition period (1st January 2019 - 31st December 2020) to take advantage of the DUIN process (Article 127E).

USA (TSCA)
All substances are listed in the TSCA active list or are exempt.

Vietnam (NCI)
All substances have been reported.

2. Toy regulations
This chapter was last reviewed on Jul 22, 2024

DIN EN 71-3
We do not expect the presence of substances mentioned in the regulation above the respective limits.

US ASTM - F 963
We do not expect the presence of substances mentioned in the regulation above the respective limits.

Maine CHCC
We do not expect the presence of substances mentioned in the regulation above the respective limits.

Oregon CHCC
The product contains one or more substances exceeding the respective limit of the regulation.

Vermont CHCC
The product contains one or more substances exceeding the respective limit of the regulation.

Washington CHCC
The product contains one or more substances exceeding the respective limit of the regulation.

3. Consumer product regulations
This chapter was last reviewed on Jun 29, 2026

Food Contact Regulations
The business line Coating Additives of Evonik has prioritized certain products for food contact applications. For only those prioritized products, which have been evaluated and offer suitability for food contact applications, statements are available in a separate document on our website.

Ecolabel Regulations
The business line Coating Additives of Evonik has prioritized certain products for ecolabel applications. For only those prioritized products, which have been evaluated and offer suitability for ecolabel applications, statements are available in a separate document on our website.

China GB/T39498-2020 (Key Chemical Substances in Consumer Products)
We do not expect the presence of substances mentioned in the regulation above the respective limits.

4. Diverse regulations
This chapter was last reviewed on Jun 29, 2026

Directive 2011/65/EC (RoHS) amended through Directive (EU) 2015/863
We do not expect the presence of substances mentioned in the regulation above the respective limits.

Council Directive 94/62/EC (packaging and packaging waste)
We do not expect the presence of substances mentioned in the regulation above the respective limits.

Coalition of North Eastern Governors (CONEG)
We do not expect the presence of substances mentioned in the regulation above the respective limits.

France Decree No.2020-1725
We do not expect the presence of substances mentioned in the regulation above the respective limits.

California Proposition 65
For information regarding the above mentioned regulation please refer to the US-SDS, chapter 15.

CERCLA 5
For information regarding the above mentioned regulation please refer to the US-SDS, chapter 15.

SARA 311/312/313
For information regarding the above mentioned regulation please refer to the US-SDS, chapter 15.

5. Volatile and semi-volatile organic compounds
This chapter was last reviewed on Oct 15, 2025

VOC (volatile organic compounds)

ASTM D6886-14 : 53.0 %

SVOC (semi-volatile organic compounds)

Theoretical calculation : 100.0 %

6. Substance restrictions

This chapter was last reviewed on Sep 24, 2024
Unless not other stated under "Comment" we do not expect the presence of the following substances at dosages of 0.01 % or higher within product.

Hint: use the search function (e.g. Ctrl + F for Windows) for the CAS number or the substance name to find the entry in the document.

ACRYLATES	CAS Number	Amount	Comment
1,4-Butanediol diacrylate (BDDA)	1070-70-8		not expected
1,6-Hexanediol diacrylate (HDDA)	13048-33-4		not expected
2-Ethyl hexyl acrylate (2-EHA)	103-11-7		not expected
Diethylene glycol diacrylate (DEGDA)	4074-88-8		not expected
Dipropylene glycol diacrylate (DPGDA)	57472-68-1		not expected
Isodecyl acrylate (IDA)	1330-61-6		not expected
Octyl acrylate (ODA)	2499-59-4		not expected
Pentaerythritol triacrylate (PETA)	3524-68-3		not expected
Phenoxyethyl acrylate	48145-04-6		not expected
Phenyl acrylate	937-41-7		not expected
Tetraethylene glycol diacrylate (TEGDA)	17831-71-9		not expected
Trimethylol propane triacrylate (TMPTA)	15625-89-5		not expected

ALKYLPHENOL ETHOXYLATES (APEOs)	CAS Number	Amount	Comment
4-(1,1,3,3-tetramethylbutyl) phenol, ethoxylated	140-66-9		not expected
4-Nonylphenol, branched, ethoxylated	127087-87-0		not expected
Isononylphenol, ethoxylated	37205-87-1		not expected
Nonylphenol, branched, ethoxylated	68412-54-4		not expected
Nonylphenol, branched, ethoxylated, phosphated	68412-53-3		not expected
Octylphenol, ethoxylated	9036-19-5		not expected
Octylphenol ethoxylated	68987-90-6		not expected
Polyoxyethylated nonylphenol	9016-45-9		not expected
Polyoxyethylated octylphenol	9002-93-1		not expected
Polyoxyethylated p-nonylphenol	26027-38-3		not expected

ALKYLPHENOLS (APs)	CAS Number	Amount	Comment
4-heptylphenol, branched and linear	1987-50-4		not expected
4-Nonylphenol	104-40-5		not expected
4-Nonylphenol, branched	84852-15-3		not expected
4-Octylphenol	1806-26-4		not expected
4-tert-Octylphenol	140-66-9		not expected
Isononylphenol	11066-49-2		not expected
Nonylphenol, mixed isomers	25154-52-3		not expected
Octylphenol, mixed isomers	27193-28-8		not expected
p-(1,1-dimethylpropyl) phenol	80-46-6		not expected
Tris (nonylphenyl) phosphite (TNPP)	26523-78-4		not expected

AROMATIC SUBSTANCES	CAS Number	Amount	Comment
(Dimethylamino)benzoate, esters with branched polyols	2067275-86-7		not expected
(Methylimino)diethane-2,1-diyl bis[4-(dimethylamino)-ben-zoate]	925246-00-0		not expected
1,1,1-Trimethylolpropane, ethoxylated, ester with 2-benzoyl-benzoic acid	1003567-82-5		not expected
1,2,4-Trimethylbenzene	95-63-6		not expected
1,2-Benzisothiazol-3(2H)-one (BIT)	2634-33-5		not expected
1,2-di(5-methyl-benziasoly)ethylene	12224-12-3		not expected

AROMATIC SUBSTANCES	CAS Number	Amount	Comment
1,3-bis(1-isocyanato-1-methylethyl)benzene	2778-42-9		not expected
1,3-bis(isocyanatomethyl)benzene	3634-83-1		not expected
1,3-di({a-[1-chloro-9-oxo-9H-thioxanthen-4-yl)oxy]acetylpoly[oxy(1-methylethylene)]}oxy)-2,2-bis({a-[1-methylethylene)]}oxymethyl) propane	1003567-84-7		not expected
1,3-di({ı-4-(dimethylamino)benzoylpoly[oxy(1-methylethylene)]}oxy)-2,2-bis ({ -4- (dimethylamino)-benzoylpoly[oxy(1-methylethylene)]} oxymethyl) propane	1003557-17-2		not expected
1,4-Bis(2-cyanostyryl)benzene	13001-39-3		not expected
1,4-Bis(4-cyanostyryl)benzene	13001-40-6		not expected
1,4-bis-Benzoxazolyl-naphthalene	5089-22-5		not expected
1,4-Di[4-cyanostyryl]benzene	58449-88-0		not expected
1,5-naphthylene diisocyanate	3173-72-6		not expected
2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4		not expected
2,2'-Methylenediphenyl diisocyanate	101-68-8		not expected
2,4,5-trimethylaniline	137-17-7		not expected
2,4,6-triisopropyl-m-phenylene diisocyanate	2162-73-4		not expected
2,4 Diethylthioxanthone	82799-44-8		not expected
2,4'-Methylenediphenyl diisocyanate	5873-54-1		not expected
2-Ethylhexyl-2,3,4,5-tetrabromobenzoate (EHTBB)	183658-27-7		not expected
2-Hydroxy-1-(4-(4-(2-hydroxy-2-methylpropionyl)benzyl)phenyl-2-methyl-2-propanone	0474510-57-1		not expected
2-Hydroxy-1-[4-(4-(2-hydroxy-2-methylpropionyl)phenoxy)-phenyl]-2-methylpropan-1-one	71868-15-0		not expected
2-Methoxyaniline,o-Anisidine	90-04-0		not expected
2-methyl-m-phenylene diisocyanate	91-08-7		not expected
2-naphthylamine	91-59-8		not expected
3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylenediamine	91-94-1		not expected
3,3'-dimethoxybenzidine o-dianisidine	119-90-4		not expected
3,3'-dimethylbenzidine 4,4'-bi-o-toluidine	119-93-7		not expected
3,3'-dimethylbiphenyl-4,4'-diyl diisocyanate	91-97-4		not expected
4,4'-methylenedi-o-toluidine	838-88-0		not expected
4,4'-oxydianiline	101-80-4		not expected
4,4'-thiodianiline	139-65-1		not expected
4,4-Bis(2-methoxystyryl)biphenyl	40470-68-6		not expected
4,4'-Diamino-2,2'-stilbenedisulfonic acid	81-11-8		not expected
4,4'- Diaminodiphenylmethane (MDA)	101-77-9		not expected
4,4'-Methylenediphenyl diisocyanate	101-68-8		not expected
4-Aminoazobenzene	60-09-3		not expected
4-chloroaniline	106-47-8		not expected
4-chloro-o-toluidine	95-69-2		not expected
4-heptylphenol, branched and linear	1987-50-4		not expected
4-methoxy-m-phenylenediamine	615-05-4		not expected
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7		not expected
4-methyl-m-phenylene diisocyanate	584-84-9		not expected
4-Nonylphenol	104-40-5		not expected
4-Nonylphenol, branched	84852-15-3		not expected
4-Nonylphenol, branched, ethoxylated	127087-87-0		not expected
4-Octylphenol	1806-26-4		not expected
4-tert-Octylphenol	140-66-9		not expected

AROMATIC SUBSTANCES	CAS Number	Amount	Comment
5-nitro-o-toluidine	99-55-8		not expected
6-methoxy-m-toluidine (p-cresidine)	120-71-8		not expected
Alkyl dimethyl benzyl ammonium chloride (benzalkonium chloride (BAC/ ADBAC C10-C18/BAC C10-C18))	8001-54-5		not expected
Anthraquinone	84-65-1		not expected
Benzene	71-43-2		not expected
Benzeneacetic acid, α-oxo-, 2-(2-hydroxyethoxy)ethyl ester	442536-99-4		not expected
Benzeneacetic acid a-oxo-1,1'-(oxydi-2,1- ethanediyl) ester and its mono-ester	211510-16-6		not expected
Benzenesulfonic acid,2,2'-(1,2-ethenediyl)bis[5-4-[bis(2-hydroxyethyl) amino]-6-{(4-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]-, tetrasodium salt	16470-24-9		not expected
Benzethonium chloride (BZT)	121-54-0		not expected
Benzidine	92-87-5		not expected
Benzophenone	119-61-9		not expected
Benzophenone 12	1843-05-6		not expected
Benzophenone-2	131-55-5		not expected
Benzophenone-3/Oxybenzon	131-57-7		not expected
Benzophenone oxide	90-47-1		not expected
Benzyl butyl phthalate (BBP)	85-68-7		not expected
Biphenyl-4-ylamine,4-aminobiphenyl xenylamine	92-67-1		not expected
Bis(2-ethylhexyl) tetrabromophthalate (BEHTBP)	26040-51-7		not expected
Bis-(2-methoxyethyl) phthalate (DMEP)	117-82-8		not expected
Bis(5-methyl-2-benzoxazolyl)stilbene	2397-00-4		not expected
Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5		not expected
Bisphenol A	80-05-7		not expected
Bisphenol A diglycidyl ether (BADGE)	1675-54-3		not expected
Bisphenol F	620-92-8		not expected
Bisphenol S	80-09-1		not expected
Bisphenols as listed on the REACH, Assessment of Regulatory Needs (ARN)			not expected
Butylated hydroxyanisol (BHA)	25013-16-5		not expected
Butylated hydroxytoluene (BHT)	128-37-0		not expected
Butylparaben (Butyl-4-hydroxybenzoat)	94-26-8		not expected
Cetylpyridinium chloride (CPC)	123-03-5		not expected
Di(heptyl, nonyl, undecyl) phthalate (DHNUP)	68515-42-4		not expected
Di-2-ethylhexyl phthalate (DEHP)	117-81-7		not expected
Diallyl phthalate (DAP)	131-17-9		not expected
Dibutyl phthalate (DBP)	84-74-2		not expected
Dicyclohexyl phthalate (DCHP)	84-61-7		not expected
Di-ester of carboxymethoxy benzophenone and polytetramethyleneglycol 250	0515136-48-8		not expected
Diisobutyl phthalate (DIBP)	84-69-5		not expected
Diisodecyl phthalate (DIDP)	26761-40-0		not expected
Diisoheptyl phthalate; DIHP	71888-89-6		not expected
Di-n-hexylphthalate (DHP)	84-75-3		not expected
Di-n-octyl phthalate (DNOP)	117-84-0		not expected
Di-n-pentyl phthalate (DPENP)	131-18-0		not expected
Diphenyl-(2,4,6-trimethylbenzoyl) phosphine oxide	75980-60-8		not expected
Diphenylethylene triazine	12768-92-2		not expected

AROMATIC SUBSTANCES	CAS Number	Amount	Comment
Disodium 4,4′-bis (2-sulfo styryl) biphenyl	27344-41-8		not expected
Distyryl biphenyl (DSBP)	54227-96-2		not expected
Ethylbenzene	100-41-4		not expected
Ethylparaben (Ethyl-4-hydroxybenzoat)	120-47-8		not expected
Heptachlornaphthalene	32241-08-0		not expected
Hexachlornaphthalene	1335-87-1		not expected
Isononylphenol	11066-49-2		not expected
Isononylphenol, ethoxylated	37205-87-1		not expected
Isopropyl-9H-thioxanthen-9-one	75081-21-9		not expected
Melamine	108-78-1		not expected
Methylparaben (Methyl-4-hydroxybenzoat)	99-76-3		not expected
Monochlornaphthalene	25586-43-0		not expected
Monocresyl diphenyl phosphate	26444-49-5		not expected
Monocresyl phosphate	14265-44-2		not expected
m-tolylidene diisocyanate	26471-62-5		not expected
Naphthalene	91-20-3		not expected
N-nitrosodiphenylamine (NDPh)	86-30-6		not expected
N-nitrosomethylphenylamine (NMPA/PMNA)	614-00-6		not expected
Nonylphenol, branched, ethoxylated	68412-54-4		not expected
Nonylphenol, branched, ethoxylated, phosphated	68412-53-3		not expected
Nonylphenol, mixed isomers	25154-52-3		not expected
o-aminoazotoluene,4-amino-2′,3-dimethylazobenzene,4-o-tolylazo-o-toluidine	97-56-3		not expected
Octabromodiphenyl ether (OctaBDE)	32536-52-0		not expected
Octachlornaphthalene	2234-13-1		not expected
Octylphenol, ethoxylated	9036-19-5		not expected
Octylphenol, mixed isomers	27193-28-8		not expected
Octylphenol ethoxylated	68987-90-6		not expected
Oligo-[2-Hydroxy-2-methyl-1-((4-(1-methylvinyl)phenyl) propanone]	0163702-01-0		not expected
Oxirane, 2-methyl-, polymer with oxirane, 2-benzoylbenzoate	1003557-16-1		not expected
p-(1,1-dimethylpropyl) phenol	80-46-6		not expected
Paraben (4-Hydroxybenzoesäure)	99-96-7		not expected
Pentabromodiphenyl ether (PentaBDE)	32534-81-9		not expected
Pentachlornaphthalene	1321-64-8		not expected
Phenol	108-95-2		not expected
Phenoxyethyl acrylate	48145-04-6		not expected
Phenyl acrylate	937-41-7		not expected
Phenyl bis(2,4,6-trimethylbenzoyl) phosphine oxide	0162881-26-7		not expected
Phenylparaben (Phenyl-4-hydroxybenzoat)	17696-62-7		not expected
Poly(oxy-1,2-ethanediyl), α-(1-oxo-2-propenyl)-ω-(4-benzo-ylphenoxy)	478549-43-8		not expected
Poly(oxy-1,4-butanediyl), .alpha.-[2-[(9-oxo-9H-thioxanthenyl)oxy] acetyl]-.omega.-[[2-[(9-oxo-9H-thioxanthenyl)oxy]acetyl]oxy]-	0813452-37-8		not expected
Poly[oxy(methyl-1,2-ethanediyl)], α-hydro-ω-[[2-[(1-chloro-9-oxo-9H-thioxanthen-4-yl)oxy]acetyl]oxy]-, ether with 2,2-bis(hydroxymethyl)-1,3-propanediol (4:1)	1003567-83-6		not expected
Poly[oxy(methyl-12-ethandiyl)],alpha-[4-(di-methylamino)benzoyl-omega-butoxy	223463-45-4		not expected
Polymer based on piperazino compounds of aminoalkylphenone	886463-10-1		not expected
Polyoxyethylated nonylphenol	9016-45-9		not expected
Polyoxyethylated octylphenol	9002-93-1		not expected

AROMATIC SUBSTANCES	CAS Number	Amount	Comment
Polyoxyethylated p-nonylphenol	26027-38-3		not expected
Propylparaben (Propyl-4-hydroxybenzoat)	94-13-3		not expected
Quaternary ammonium compounds, C12 – 18-alkyl[(ethylphenyl)methyl] dimethyl, chlorides (ADEBAC C10-C18)	68956-79-6		not expected
Styrene	100-42-5		not expected
Tetrachlornaphthalene	1335-88-2		not expected
Toluene	108-88-3		not expected
Trichlornaphthalene	1321-65-9		not expected
Tricresyl phosphate	1330-78-5		not expected
Triphenyl phosphate (TPP)	115-86-6		not expected
Tris (nonylphenyl) phosphite (TNPP)	26523-78-4		not expected
tris{4-[(4-acetylphenyl) sulfanyl] phenyl}sulfonium hexafluorophosphate	0953084-13-4		not expected
Umbelliferone	93-35-6		not expected
Xylene	1330-20-7		not expected

ASBESTOS	CAS Number	Amount	Comment
Actinolite	77536-66-4		not expected
Amosite	12172-73-5		not expected
Anthophyllite	77536-67-5		not expected
Asbestos	1332-21-4		not expected
Chrysotile	12001-29-5		not expected
Crocidolite	12001-28-4		not expected
Richterite	17068-76-7		not expected
Tremolite	77536-68-6		not expected
Winchite	12425-92-2		not expected

BENZOPHENONES	CAS Number	Amount	Comment
Benzophenone	119-61-9		not expected
Benzophenone 12	1843-05-6		not expected
Benzophenone-2	131-55-5		not expected
Benzophenone-3/Oxybenzon	131-57-7		not expected
Benzophenone oxide	90-47-1		not expected

BIOCIDES	CAS Number	Amount	Comment
1,2-Benzisothiazol-3(2H)-one (BIT)	2634-33-5		not expected
3(2H)-Isothiazolone, 2-methyl- (MIT)	2682-20-4		not expected
Bronopol (2-Brom-2-Nitropropan-1,3-diol)	52-51-7		not expected
Octhilinone (2-octyl-2H-isothiazol-3-one, OIT)	26530-20-1		not expected
Pesticides mentioned in Rotterdam Convention (PIC list)			not expected
Reaction mass of 5-Chlor-2-methyl-isothiazolin-3-on / 2-Methylisothi-azolin-3-on, 3:1 (CIT/MIT 3:1)	55965-84-9		not expected
Sodiumpyrithione (Sodium 1-hydroxy-2(1H)-pyridinethionate)	3811-73-2		not expected
Zincpyrithione (Zinc, bis(1-hydroxy-2(1H)-pyridinethionato-O,S)-,(T-4)-)	13463-41-7		not expected

BISPHENOLS AND DERIVATIVES	CAS Number	Amount	Comment
Bisphenol A	80-05-7		not expected
Bisphenol A diglycidyl ether (BADGE)	1675-54-3		not expected
Bisphenol F	620-92-8		not expected
Bisphenol S	80-09-1		not expected

BISPHENOLS AND DERIVATIVES	CAS Number	Amount	Comment
Bisphenols as listed on the REACH, Assessment of Regulatory Needs (ARN)			not expected

CHLORINATED NAPTHALENES	CAS Number	Amount	Comment
Dichlornaphthalene	28699-88-9		not expected
Heptachlornaphthalene	32241-08-0		not expected
Hexachlornaphthalene	1335-87-1		not expected
Monochlornaphthalene	25586-43-0		not expected
Octachlornaphthalene	2234-13-1		not expected
Pentachlornaphthalene	1321-64-8		not expected
Tetrachlornaphthalene	1335-88-2		not expected
Trichlornaphthalene	1321-65-9		not expected

ENDOCRINE DISRUPTORS
Please refer to the latest EU safety data sheet (LINK).

FLAME RETARDANTS	CAS Number	Amount	Comment
2,2-Bis(chloromethyl)-propane-1,3-diyltetrakis (2-chloroethyl) bisphosphate	38051-10-4		not expected
2-Ethylhexyl-2,3,4,5-tetrabromobenzoate (EHTBB)	183658-27-7		not expected
Bis(2-ethylhexyl) tetrabromophthalate (BEHTBP)	26040-51-7		not expected
Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5		not expected
Octabromodiphenyl ether (OctaBDE)	32536-52-0		not expected
Pentabromodiphenyl ether (PentaBDE)	32534-81-9		not expected
Triphenyl phosphate (TPP)	115-86-6		not expected
Tris (1,3-dichloropropyl-2) phosphate (TDCPP)	13674-87-8		not expected
Tris (1-chloro-2-propyl) phosphate (TCPP)	13674-84-5		not expected
Tris(2-chloroethyl) phosphate (TCEP)	115-96-8		not expected

GLYCOL ETHERS	CAS Number	Amount	Comment
Butyl diglycole acetate (BDGA)	124-17-4		not expected
Diethylene glycol diacrylate (DEGDA)	4074-88-8		not expected
Di-ethylene glycol di-methyl ether (DEGDME)	111-96-6		not expected
Di-ethylene glycol methyl ether (DEGME)	111-77-3		not expected
Dipropylene glycol diacrylate (DPGDA)	57472-68-1		not expected
Ethylene glycol butyl ether (EGBE)	111-76-2		not expected
Ethylene glycol di-ethyl ether (EGDEE)	629-14-1		not expected
Ethylene glycol di-methyl ether (EGDME)	110-71-4		not expected
Ethylene glycol ethyl ether (EGEE)	110-80-5		not expected
Ethylene glycol ethyl ether acetate (EGEEA)	111-15-9		not expected
Ethylene glycol methyl ether (EGME)	109-86-4		not expected
Ethylene glycol methyl ether acetate (EGMEA)	110-49-6		not expected
Tetraethylene glycol diacrylate (TEGDA)	17831-71-9		not expected
Tri-ethylene glycol di-methyl ether (TEGDME)	112-49-2		not expected

HALOGENATED ORGANIC SUBSTANCES	CAS Number	Amount	Comment
1,3-di({a-[1-chloro-9-oxo-9H-thioxanthen-4-yl)oxy]acetylpoly[oxy(1-methylethylene)]}oxy)-2,2-bis({a-[1-methylethylene)]}oxymethyl) propane	1003567-84-7		not expected
2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4		not expected
2-Ethylhexyl-2,3,4,5-tetrabromobenzoate (EHTBB)	183658-27-7		not expected

HALOGENATED ORGANIC SUBSTANCES	CAS Number	Amount	Comment
3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylenediamine	91-94-1		not expected
3-Iodo-2-propynyl butylcarbamate (IPBC)	55406-53-6		not expected
4-chloroaniline	106-47-8		not expected
4-chloro-o-toluidine	95-69-2		not expected
Alkyl dimethyl benzyl ammonium chloride (benzalkonium chloride (BAC/ ADBAC C10-C18/BAC C10-C18))	8001-54-5		not expected
Alkyl trimethyl ammonium chloride (ATMAC C12-C18)	68391-03-7		not expected
Benzethonium chloride (BZT)	121-54-0		not expected
Benzo(b)fluoranthene	205-99-2		not expected
Bis(2-ethylhexyl) tetrabromophthalate (BEHTBP)	26040-51-7		not expected
Brominated organic substances			not expected
Bronopol (2-Brom-2-Nitropropan-1,3-diol)	52-51-7		not expected
Cetylpyridinium chloride (CPC)	123-03-5		not expected
Cetyl trimethyl ammonium chloride (CTAC)	112-02-7		not expected
Chlorinated organic substances			not expected
Chlorinated paraffins, C10-13	85535-84-8		not expected
Chlorinated paraffins, C14-17	85535-85-9		not expected
Dichlornaphthalene	28699-88-9		not expected
Didecyl dimethyl ammonium chloride (DDAC C10)	7173-51-5		not expected
Dioctyl dimethyl ammonium chloride (DDAC C8)	3026-69-5		not expected
Fluorinated organic substances, including per- and polyfluoroalkyl substances (PFAS)			not expected
Heptachlornaphthalene	32241-08-0		not expected
Hexachlornaphthalene	1335-87-1		not expected
Monochlornaphthalene	25586-43-0		not expected
Octabromodiphenyl ether (OctaBDE)	32536-52-0		not expected
Octachlornaphthalene	2234-13-1		not expected
Ozone-Depleting Substances according U.S. EPA list, Class I and Class II			not expected
Pentabromodiphenyl ether (PentaBDE)	32534-81-9		not expected
Pentachlornaphthalene	1321-64-8		not expected
Poly[oxy(methyl-1,2-ethanediyl)], α-hydro-ω-[[2-[(1-chloro-9-oxo-9H-thioxanthen-4-yl)oxy]acetyl]oxy]-, ether with 2,2-bis(hydroxymethyl)-1,3-propanediol (4:1)	1003567-83-6		not expected
Quaternary ammonium compounds, C12 – 18-alkyl[(ethylphenyl)methyl] dimethyl, chlorides (ADEBAC C10-C18)	68956-79-6		not expected
Reaction mass of 5-Chlor-2-methyl-isothiazolin-3-on / 2-Methylisothiazolin-3-on, 3:1 (CIT/MIT 3:1)	55965-84-9		not expected
Tetrachlornaphthalene	1335-88-2		not expected
Trichlornaphthalene	1321-65-9		not expected
Tris (1,3-dichloropropyl-2) phosphate (TDCPP)	13674-87-8		not expected
Tris (1-chloro-2-propyl) phosphate (TCPP)	13674-84-5		not expected
Tris(2-chloroethyl) phosphate (TCEP)	115-96-8		not expected
tris{4-[(4-acetylphenyl) sulfanyl] phenyl}sulfonium hexafluorophosphate	0953084-13-4		not expected

HAZARDOUS SUBSTANCES
Please refer to the latest safety data sheet valid for your country (LINK).

ISOCYANATES	CAS Number	Amount	Comment
1,3-bis(1-isocyanato-1-methylethyl)benzene	2778-42-9		not expected
1,3-bis(isocyanatomethyl)benzene	3634-83-1		not expected
1,5-naphthylene diisocyanate	3173-72-6		not expected

ISOCYANATES	CAS Number	Amount	Comment
2,2′-Methylenediphenyl diisocyanate	101-68-8		not expected
2,4,6-triisopropyl-m-phenylene diisocyanate	2162-73-4		not expected
2,4′-Methylenediphenyl diisocyanate	5873-54-1		not expected
2-methyl-m-phenylene diisocyanate	91-08-7		not expected
3,3′-dimethylbiphenyl-4,4′-diyl diisocyanate	91-97-4		not expected
3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate	4098-71-9		not expected
4,4′-methylenedicyclohexyl diisocyanate	5124-30-1		not expected
4,4′-Methylenediphenyl diisocyanate	101-68-8		not expected
4-methyl-m-phenylene diisocyanate	584-84-9		not expected
Hexamethylene diisocyanate	822-06-0		not expected
m-tolylidene diisocyanate	26471-62-5		not expected

(HEAVY) METALS AND THEIR COMPOUNDS	CAS Number	Amount	Comment
Aluminium			not expected
Antimony			not expected
Arsenic			not expected
Barium			not expected
Boron			not expected
Cadmium			not expected
Chromium			not expected
Cobalt			not expected
Copper			not expected
Lead			not expected
Manganese			not expected
Mercury			not expected
Nickel			not expected
Selenium			not expected
Silver			not expected
Strontium			not expected
Tin			not expected
Zinc			not expected
Zincpyrithione (Zinc, bis(1-hydroxy-2(1H)-pyridinethionato-O,S)-,(T-4)-)	13463-41-7		not expected

NANO MATERIALS
Please refer to the latest EU safety data sheet (LINK).

N-NITROSAMINES	CAS Number	Amount	Comment
N-nitrosodibutylamine (NDBA)	924-16-3		not expected
N-nitrosodiethanolamine (NDELA)	1116-54-7		not expected
N-nitrosodiethylamine (NDEA)	55-18-5		not expected
N-nitrosodiisopropylamine (NDIPA/DIPNA)	601-77-4		not expected
N-nitrosodimethylamine (NDMA)	62-75-9		not expected
N-nitrosodiphenylamine (NDPh)	86-30-6		not expected
N-nitrosodipropylamine (NDPA)	621-64-7		not expected
N-nitrosoethylisopropylamine (NEIPA/EIPNA)	16339-04-1		not expected
N-nitrosomethylamino butyric acid (NMBA)	61445-55-4		not expected
N-nitrosomethylethylamine (NMEA)	10595-95-6		not expected
N-nitrosomethylnitroguanidine (NMNG/MNNG)	70-25-7		not expected
N-nitrosomethylphenylamine (NMPA/PMNA)	614-00-6		not expected

N-NITROSAMINES	CAS Number	Amount	Comment
N-nitrosomorpholine (NMOR)	59-89-2		not expected
N-nitrosopiperidine (NPIP)	100-75-4		not expected
N-nitrosopyrrolidine (NPYR)	930-55-2		not expected

OPTICAL BRIGHTENERS	CAS Number	Amount	Comment
1,2-di(5-methyl-benziasoly)ethylene	12224-12-3		not expected
1,4-Bis(2-cyanostyryl)benzene	13001-39-3		not expected
1,4-Bis(4-cyanostyryl)benzene	13001-40-6		not expected
1,4-bis-Benzoxazolyl-naphthalene	5089-22-5		not expected
1,4-Di[4-cyanostyryl]benzene	58449-88-0		not expected
2,2′-(1,2-ethenediyl)bis(4,1-phenylene)bisbenzoxazole	1533-45-5		not expected
2,2′-(2,5-thiophenediyl)bis(5-tert-butylbenzoxazole)	7128-64-5		not expected
4,4-Bis(2-methoxystyryl)biphenyl	40470-68-6		not expected
4,4′-Diamino-2,2′-stilbenedisulfonic acid	81-11-8		not expected
4-(4-cyanostyryl)benzene	13001-38-2		not expected
Bis(5-methyl-2-benzoxazolyl)stilbene	2397-00-4		not expected
Diphenylethylene triazine	12768-92-2		not expected
Disodium 4,4′-bis (2-sulfo styryl) biphenyl	27344-41-8		not expected
Distyryl biphenyl (DSBP)	54227-96-2		not expected
Umbelliferone	93-35-6		not expected

PARABENS	CAS Number	Amount	Comment
Butylparaben (Butyl-4-hydroxybenzoat)	94-26-8		not expected
Ethylparaben (Ethyl-4-hydroxybenzoat)	120-47-8		not expected
Methylparaben (Methyl-4-hydroxybenzoat)	99-76-3		not expected
Paraben (4-Hydroxybenzoesäure)	99-96-7		not expected
Phenylparaben (Phenyl-4-hydroxybenzoat)	17696-62-7		not expected
Propylparaben (Propyl-4-hydroxybenzoat)	94-13-3		not expected

PHOTO INITIATORS AND SYNERGISTS	CAS Number	Amount	Comment
(Dimethylamino)benzoate, esters with branched polyols	2067275-86-7		not expected
(Methylimino)diethane-2,1-diyl bis[4-(dimethylamino)-ben-zoate]	925246-00-0		not expected
1,1,1-Trimethylolpropane, ethoxylated, ester with 2-benzoyl-benzoic acid	1003567-82-5		not expected
1,3-di({a-[1-chloro-9-oxo-9H-thioxanthen-4-yl)oxy]acetylpoly[oxy(1-methylethylene)]}oxy)-2,2-bis({a-[1-methylethylene)]}oxymethyl) propane	1003567-84-7		not expected
1,3-di({ı-4-(dimethylamino)benzoylpoly[oxy(1-methylethylene)]}oxy)-2,2-bis ({ -4- (dimethylamino)-benzoylpoly[oxy(1-methylethylene)]} oxymethyl) propane	1003557-17-2		not expected
1-(4-[(4-Benzoylphenyl)thio]phenyl)-2-methyl-2-[(4-methylphenyl) sulfonyl]-1-propan-1-one	0272460-97-6		not expected
1-[4-(2-Hydroxyethoxy)phenyl]-2-hydroxy-2-methyl-1-propanone	106797-53-9		not expected
2,4 Diethylthioxanthone	82799-44-8		not expected
2-(Dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(4-morpholinyl) phenyl]-1-butanone	0119344-86-4		not expected
2-Hydroxy-1-(4-(4-(2-hydroxy-2-methylpropionyl)benzyl)phenyl-2-methyl-2-propanone	0474510-57-1		not expected
2-Hydroxy-1-[4-(4-(2-hydroxy-2-methylpropionyl)phenoxy)-phenyl]-2-methylpropan-1-one	71868-15-0		not expected
Benzeneacetic acid, α-oxo-, 2-(2-hydroxyethoxy)ethyl ester	442536-99-4		not expected

PHOTO INITIATORS AND SYNERGISTS	CAS Number	Amount	Comment
Benzeneacetic acid a-oxo-1,1'-(oxydi-2,1- ethanediyl) ester and its mono-ester	211510-16-6		not expected
Benzenesulfonic acid,2,2'-(1,2-ethenediyl)bis[5-4-[bis(2-hydroxyethyl) amino]-6-{(4-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]-, tetrasodium salt	16470-24-9		not expected
Di-ester of carboxymethoxy benzophenone and polytetramethyleneglycol 250	0515136-48-8		not expected
Diphenyl-(2,4,6-trimethylbenzoyl) phosphine oxide	75980-60-8		not expected
Oligo-[2-Hydroxy-2-methyl-1-((4-(1-methylvinyl)phenyl) propanone]	0163702-01-0		not expected
Oxirane, 2-methyl-, polymer with oxirane, 2-benzoylbenzoate	1003557-16-1		not expected
Phenyl bis(2,4,6-trimethylbenzoyl) phosphine oxide	0162881-26-7		not expected
Poly(oxy-1,2-ethanediyl), α-(1-oxo-2-propenyl)-ω-(4-benzo-ylphenoxy)	478549-43-8		not expected
Poly(oxy-1,4-butanediyl), .alpha.-[2-[(9-oxo-9H-thioxanthenyl)oxy] acetyl]-.omega.-[[2-[(9-oxo-9H-thioxanthenyl)oxy]acetyl]oxy]-	0813452-37-8		not expected
Poly[oxy(methyl-1,2-ethanediyl)], α-hydro-ω-[[2-[(1-chloro-9-oxo-9H-thioxanthen-4-yl)oxy]acetyl]oxy]-, ether with 2,2-bis(hydroxymethyl)-1,3-propanediol (4:1)	1003567-83-6		not expected
Poly[oxy(methyl-12-ethandiyl)],alpha-[4-(di-methylamino)benzoyl-ome-ga-butoxy	223463-45-4		not expected
Polymer based on piperazino compounds of aminoalkylphenone	886463-10-1		not expected
tris{4-[(4-acetylphenyl) sulfanyl] phenyl}sulfonium hexafluorophosphate	0953084-13-4		not expected

PHTHALATE COMPOUNDS	CAS Number	Amount	Comment
2-Diisononyl phthalate (DINP)	28553-12-0		not expected
Benzyl butyl phthalate (BBP)	85-68-7		not expected
Bis(2-ethylhexyl) tetrabromophthalate (BEHTBP)	26040-51-7		not expected
Bis-(2-methoxyethyl) phthalate (DMEP)	117-82-8		not expected
Di(heptyl, nonyl, undecyl) phthalate (DHNUP)	68515-42-4		not expected
Di-2-ethylhexyl phthalate (DEHP)	117-81-7		not expected
Diallyl phthalate (DAP)	131-17-9		not expected
Dibutyl phthalate (DBP)	84-74-2		not expected
Dicyclohexyl phthalate (DCHP)	84-61-7		not expected
Diisobutyl phthalate (DIBP)	84-69-5		not expected
Diisodecyl phthalate (DIDP)	26761-40-0		not expected
Diisoheptyl phthalate; DIHP	71888-89-6		not expected
Di-n-hexylphthalate (DHP)	84-75-3		not expected
Di-n-octyl phthalate (DNOP)	117-84-0		not expected
Di-n-pentyl phthalate (DPENP)	131-18-0		not expected

PLASTICIZERS	CAS Number	Amount	Comment
2-Diisononyl phthalate (DINP)	28553-12-0		not expected
Monocresyl diphenyl phosphate	26444-49-5		not expected
Monocresyl phosphate	14265-44-2		not expected
Tricresyl phosphate	1330-78-5		not expected

POLYBROMINATED DIPHENYL ETHERS (PBDES)	CAS Number	Amount	Comment
Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5		not expected
Octabromodiphenyl ether (OctaBDE)	32536-52-0		not expected
Pentabromodiphenyl ether (PentaBDE)	32534-81-9		not expected

POLYCYCLIC AROMATIC HYDROCARBONS (PAH)	CAS Number	Amount	Comment
1-Methylpyrene	2381-21-7		not expected
Acenaphthene	83-32-9		not expected
Acenaphthylene	208-96-8		not expected
Anthracene	120-12-7		not expected
Benzo(a)anthracene	56-55-3		not expected
Benzo(a)pyrene	50-32-8		not expected
Benzo(e)pyrene	192-97-2		not expected
Benzo(ghi)perylene	191-24-2		not expected
Benzo(j)fluoranthene	205-82-3		not expected
Benzo(k)fluoranthene	207-08-9		not expected
Bibenzo(a,h)anthracen	53-70-3		not expected
Chrysene	218-01-9		not expected
Cyclopenta(cd)pyrene	27208-37-3		not expected
Dibenzo[a,e]pyrene	192-65-4		not expected
Dibenzo[a,h]pyrene	189-64-0		not expected
Dibenzo[a,i]pyrene	189-55-9		not expected
Dibenzo[a,l]pyrene	191-30-0		not expected
Fluoranthene	206-44-0		not expected
Fluorene	86-73-7		not expected
Indeno (1,2,3-cd) pyrene	193-39-5		not expected
Naphthalene	91-20-3		not expected
Phenanthrene	85-01-8		not expected
Pyrene	129-00-0		not expected

PRIMARY AROMATIC AMINES	CAS Number	Amount	Comment
2,2′-dichloro-4,4′-methylenedianiline (MOCA)	101-14-4		not expected
2,4,5-trimethylaniline	137-17-7		not expected
2-Methoxyaniline,o-Anisidine	90-04-0		not expected
2-naphthylamine	91-59-8		not expected
3,3′-dichlorobenzidine 3,3′-dichlorobiphenyl-4,4′-ylenediamine	91-94-1		not expected
3,3′-dimethoxybenzidine o-dianisidine	119-90-4		not expected
3,3′-dimethylbenzidine 4,4′-bi-o-toluidine	119-93-7		not expected
4,4′-methylenedi-o-toluidine	838-88-0		not expected
4,4′-oxydianiline	101-80-4		not expected
4,4′-thiodianiline	139-65-1		not expected
4,4′-Diamino-2,2′-stilbenedisulfonic acid	81-11-8		not expected
4,4′- Diaminodiphenylmethane (MDA)	101-77-9		not expected
4-Aminoazobenzene	60-09-3		not expected
4-chloroaniline	106-47-8		not expected
4-chloro-o-toluidine	95-69-2		not expected
4-methoxy-m-phenylenediamine	615-05-4		not expected
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7		not expected
5-nitro-o-toluidine	99-55-8		not expected
6-methoxy-m-toluidine (p-cresidine)	120-71-8		not expected
Benzidine	92-87-5		not expected
Biphenyl-4-ylamine,4-aminobiphenyl xenylamine	92-67-1		not expected
Melamine	108-78-1		not expected

PRIMARY AROMATIC AMINES	CAS Number	Amount	Comment
o-aminoazotoluene,4-amino-2',3-dimethylazobenzene,4-o-tolylazo-o-toluidine	97-56-3		not expected

QUATERNARY AMMONIUM COMPOUNDS	CAS Number	Amount	Comment
Alkyl dimethyl benzyl ammonium chloride (benzalkonium chloride (BAC/ADBAC C10-C18/BAC C10-C18))	8001-54-5		not expected
Alkyl trimethyl ammonium chloride (ATMAC C12-C18)	68391-03-7		not expected
Benzethonium chloride (BZT)	121-54-0		not expected
Cetylpyridinium chloride (CPC)	123-03-5		not expected
Cetyl trimethyl ammonium chloride (CTAC)	112-02-7		not expected
Didecyl dimethyl ammonium chloride (DDAC C10)	7173-51-5		not expected
Dioctyl dimethyl ammonium chloride (DDAC C8)	3026-69-5		not expected
Quaternary ammonium compounds, C12 – 18-alkyl[(ethylphenyl)methyl] dimethyl, chlorides (ADEBAC C10-C18)	68956-79-6		not expected

SUBSTANCES OF VERY HIGH CONCERN (SVHC)
Please refer to the latest EU safety data sheet (LINK).

VOLATILE AROMATIC HYDROCARBONS (VAH), Bp ≤ 250 °C	CAS Number	Amount	Comment
1,2,4-Trimethylbenzene	95-63-6		not expected
Benzene	71-43-2		not expected
Ethylbenzene	100-41-4		not expected
Naphthalene	91-20-3		not expected
Styrene	100-42-5		not expected
Toluene	108-88-3		not expected
Xylene	1330-20-7		not expected

OTHERS	CAS Number	Amount	Comment
Acetaldehyde	75-07-0		not expected
Ammonium nitrate	6484-52-2		not expected
Biobased carbon content on total organic content			not expected
Components derived from genetically modified organisms (GMO)			not expected
Cyanuric acid	108-80-5		not expected
Diacetone alcohol	123-42-2		not expected
Dimethylformamide (DMF)	68-12-2		not expected
Dimethyl fumarate	624-49-7		not expected
Ethanol	64-17-5		not expected
Food Allergens (EU Reg. 1169/2011)			not expected
Formaldehyde	50-00-0		not expected
Methanol	67-56-1		not expected
MOSH (Mineral Oil Saturated Hydrocarbons) or MOAH (Mineral Oil Aromatic Hydrocarbons) with a carbon content in the range of 10 to 50 carbon atoms and MOAH with 2 to 7 cycles			not expected
N-(3-aminopropyl)-N-dodecylpropane-1, 3-diamine	2372-82-9		not expected
N-methyl-2-pyrrolidone (NMP)	872-50-4		not expected
Pentane-2,4-dione	123-54-6		not expected
Persistent Organic Pollutants (POPs) according to Stockholm Convention			not expected
PIC substances according to Rotterdam Convention			not expected
Radioactive substances			not expected

7. Further information

No data available.

8. Other regulations

For the following regulation detailed information are available on request.
- Conflict minerals

Should you require any additional information, please do not hesitate to contact us!

Disclaimer

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Evonik Operations GmbH
Coating Additives

Goldschmidtstrasse 100 | 45127 Essen
Germany

www.evonik.de
www.coating-additives.com

For further information or advice you are welcome to contact us.

Please contact us for region Europe, Middle East, Russia and Africa.
regulatory-coating-additives-europe@evonik.com

Please contact for region Americas.
regulatory-coating-additives-americas@evonik.com

Please contact us for region Asia, Australia and New Zealand.
regulatory-coating-additives-asia@evonik.com